MTNC060368SE
B19 Canada: B07

Service Manual

TH-42PD50U
TH-42PM50U
TH-50PM50U

Subject : To add a caution statement for flexible cable connections.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

	Page
1 Please add the caution statement below to the service manuals listed in the chart below. (MTNC060368SE)	**2**
1.1. Caution statement.	2

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1 Please add the caution statement below to the service manuals listed in the chart below. (MTNC060368SE)

1.1. Caution statement.

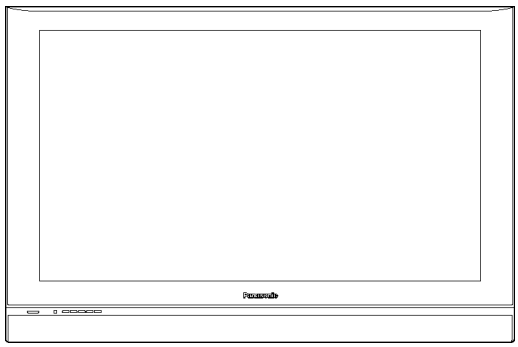
Caution:
Please confirm that all flexible cables are assembled correctly. Also make sure that they are locked in the connectors. Verify by giving the flexible cables a very slight pull.

Digital Progressive Wide Plasma Television		
MODEL NUMBER	TYPE	SERVICE MANUAL ORDER NO.
TH-42PD50U	Main	ITD0503007CE
Progressive Wide Plasma Television		
MODEL NUMBER	TYPE	SERVICE MANUAL ORDER NO.
TH-42PM50U	Main	MTNC050950C1
High Definition Plasma Display		
MODEL NUMBER	TYPE	SERVICE MANUAL ORDER NO.
TH-50PM50U	Main	MTNC050951C1

ORDER NO. MTNC050950C1
B19 Canada: B05

Service Manual

Progressive Wide Plasma Display



TH-42PM50U

GP8DU Chassis

Specifications

Power Source	AC 120 V, 50/60 Hz		
Power Consumption	Maximum : 380 W		
	Stand-by condition : 0.6 W		
Plasma Display panel	Drive method : AC type 42-inch, 16 : 9 aspect ratio		
Screen Size	Approx. $36\,^{7}/_{32}$ " (920mm) (W) × $20\,^{25}/_{64}$ " (518 mm) (H) × $41\,^{9}/_{16}$ " (1056 mm) (diagonal)		
Dimensions (W × H × D)	Approx. $42\,^{3}/_{64}$ " (1068 mm) × $27\,^{39}/_{64}$ " (701 mm) × $3\,^{51}/_{64}$ " (96.5 mm)		
Mass (Weight)	71.871 lb. (32.6 kg) Net		
Sound			
Speaker	$4\,^{23}/_{32}$ " (120 mm) × $2\,^{23}/_{64}$ " (60 mm) × 2 pcs 6 Ω		
Audio Output	16 W [8 W + 8 W] (10 % THD)		
FEATURES	3D Y/C FILTER	HDMI	
Accessories Supplied	Remote control: EUR646539		
	AA Battery × 2		
	AC Cord		
	Pedestal		
	Cable clamper × 2		
Operating Conditions	Temperature : 32 °F - 104 °F (0 ° - 40 °C)		
	Humidity : 20 % - 80 % (non-condensing)		
Connection Terminals	AV INPUT 1- 2	VIDEO	1.0 Vp-p (75 Ω)
		(Phono Jack Type)	
		S-VIDEO	Y : 1.0 Vp-p (75 Ω), C : 0.286 Vp-p (75 Ω)
		(Mini DIN 4-pin)	
		AUDIO L-R	0.5 Vrms
		(Phono Jack Type × 2)	
	AV PROG. OUT	VIDEO	1.0 Vp-p (75 Ω)
		(Phono Jack Type)	
		AUDIO L-R	0.5 Vrms
		(Phono Jack Type × 2)	
	COMPONENT VIDEO	Y	1.0 Vp-p (including synchronization)

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INPUT1-2	P_B/P_R	± 0.35 Vp-p
	AUDIO L-R	0.5 Vrms
	(Phono Jack Type × 2)	
HDMI	HDMI type A Connector	
	AUDIO L-R	0.5 Vrms
	(Phono Jack Type × 2)	

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

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Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

Page

1 Applicable signals ... 4
2 Safety Precautions ... 5
2.1. General Guidelines ... 5
3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices ... 6
4 About lead free solder (PbF) ... 7
5 Service Hint ... 8
6 Plasma panel replacement method ... 9
6.1. Remove the Back cover. ... 9
6.2. Remove the P-Board. ... 9
6.3. Remove the PB-Board ... 9
6.4. Remove the D-Board ... 9
6.5. Remove the rear terminal cover ... 10
6.6. Remove the metal frame ... 10
6.7. Remove the DV-Board ... 10
6.8. Remove the DG-Board ... 11
6.9. Remove the H-Board ... 11
6.10. Remove the PA-Board ... 11
6.11. Remove the Z-Board ... 11
6.12. Remove the SU-Board ... 12
6.13. Remove the SD-Board ... 12
6.14. Remove the SC-Board ... 13
6.15. Remove the SS-Board ... 13
6.16. Remove the C1-Board ... 13
6.17. Remove the C2-Board ... 13
6.18. Remove the K-Board ... 14
6.19. Remove the S-Board ... 14
6.20. Remove the Speaker L, R ... 14
6.21. Remove the Plasma panel section from the Front frame (glass) ... 15
6.22. Replace the plasma panel (finished). ... 15
7 Location of Lead Wiring ... 16
7.1. Lead of Wiring (1) ... 16
7.2. Lead of Wiring (2) ... 17
7.3. Lead of Wiring (3) ... 18
8 Self-check Function ... 19

Page

8.1. How to access ... 19
8.2. Power LED Blinking timing chart ... 20
8.3. No Power ... 21
8.4. No Picture ... 22
8.5. Local screen failure ... 23
9 Serviceman Mode ... 24
9.1. How to enter into Serviceman Mode ... 24
9.2. Cancellation ... 24
9.3. Contents of adjustment mode ... 24
9.4. Option ... 25
10 Adjustment Procedure ... 26
10.1. Driver Set-up ... 26
10.2. Initialization Pulse Adjust ... 27
10.3. P.C.B. (Printed Circuit Board) exchange ... 28
10.4. Adjustment Volume Location ... 28
10.5. Test Point Location ... 28
11 Adjustment ... 29
11.1. NTSC panel white balance adjustment ... 29
11.2. HD white balance adjustment ... 30
11.3. Sub bright adjustment ... 31
12 Conductor View ... 33
12.1. P-Board ... 33
12.2. PA-Board ... 36
12.3. PB-Board ... 37
12.4. H-Board ... 38
12.5. DV-Board ... 40
12.6. DG-Board ... 41
12.7. Z-Board ... 43
12.8. D-Board ... 44
12.9. C1-Board ... 47
12.10. C2-Board ... 48
12.11. SC-Board ... 49
12.12. SU-Board ... 52
12.13. SD-Board ... 53
12.14. SS-Board ... 54
12.15. K and S-Board ... 56

13 Block and Schematic Diagram 57
13.1. Schematic Diagram Notes 57
13.2. Main Block Diagram 58
13.3. P-Board Block Diagram 59
13.4. P-Board (1 of 6) Schematic Diagram 60
13.5. P-Board (2 of 6) Schematic Diagram 61
13.6. P-Board (3 of 6) Schematic Diagram 62
13.7. P-Board (4 of 6) Schematic Diagram 63
13.8. P-Board (5 of 6) Schematic Diagram 64
13.9. P-Board (6 of 6) Schematic Diagram 65
13.10. PA and PB-Board Block Diagram 66
13.11. PA-Board Schematic Diagram 67
13.12. PB-Board Schematic Diagram 68
13.13. H, K, S and Z-Board Block Diagram 69
13.14. H Board (1 of 3) Schematic Diagram 70
13.15. H-Board (2 of 3) Schematic Diagram 71
13.16. H-Board (3 of 3) Schematic Diagram 72
13.17. Z-Board Schematic Diagram 73
13.18. K and S-Board Schematic Diagram 74
13.19. DV-Board Block Diagram 75
13.20. DV-Board Schematic Diagram 76
13.21. DG-Board (1 of 2) Block Diagram 77
13.22. DG-Board (2 of 2) Block Diagram 78
13.23. DG-Board (1 of 11) Schematic Diagram 79
13.24. DG-Board (2 of 11) Schematic Diagram 80
13.25. DG-Board (3 of 11) Schematic Diagram 81
13.26. DG-Board (4 of 11) Schematic Diagram 82
13.27. DG-Board (5 of 11) Schematic Diagram 83
13.28. DG-Board (6 of 11) Schematic Diagram 84
13.29. DG-Board (7 of 11) Schematic Diagram 85
13.30. DG-Board (8 of 11) Schematic Diagram 86
13.31. DG-Board (9 of 11) Schematic Diagram 87
13.32. DG-Board (10 of 11) Schematic Diagram 88
13.33. DG-Board (11 of 11) Schematic Diagram 89
13.34. D-Board Block Diagram 90
13.35. D-Board (1 of 6) Schematic Diagram 91
13.36. D-Board (2 of 6) Schematic Diagram 92
13.37. D-Board (3 of 6) Schematic Diagram 93
13.38. D-Board (4 of 6) Schematic Diagram 94
13.39. D-Board (5 of 6) Schematic Diagram 95
13.40. D-Board (6 of 6) Schematic Diagram 96
13.41. C1 and C2-Board Block Diagram 97
13.42. C1-Board (1 of 2) Schematic Diagram 98
13.43. C1-Board (2 of 2) Schematic Diagram 99
13.44. C2-Board (1 of 2) Schematic Diagram 100
13.45. C2-Board (2 of 2) Schematic Diagram 101
13.46. SC-Board Block Diagram 102
13.47. SC-Board (1 of 2) Schematic Diagram 103
13.48. SC-Board (2 of 2) Schematic Diagram 104
13.49. SU-Board Block Diagram 105
13.50. SU-Board Schematic Diagram 106
13.51. SD-Board Block Diagram 107
13.52. SD-Board Schematic Diagram 108
13.53. SS-Board Block Diagram 109
13.54. SS-Board Schematic Diagram 110
14 Parts Location & Mechanical Replacement Parts List 111
14.1. Parts Location 111
14.2. Packing Exploded Views (1) 112
14.3. Packing Exploded Views (2) 113
14.4. Packing Exploded Views (3) 114
14.5. Mechanical Replacement Parts List 115
15 Replacement Parts List 116
15.1. Replacement Parts List Notes 116
15.2. Electrical Replacement Parts List 117

1 Applicable signals

VIDEO input

	signal name	horizontal frequency(kHz)	vertical frequency(Hz)
1	NTSC	15.73	59.94

Applicable input signals (＊mark)

	signal name	horizontal frequency(kHz)	vertical frequency(Hz)	COMPONENT	HDMI
1	525 (480) /60i	15.73	59.94	＊	＊
2	525 (480) /60p	31.47	59.94	＊	＊
3	750 (720) /60p	45.00	59.94	＊	＊
4	1,125 (1,080) /60i	33.75	59.94	＊	＊

Note: Signals without above specification may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

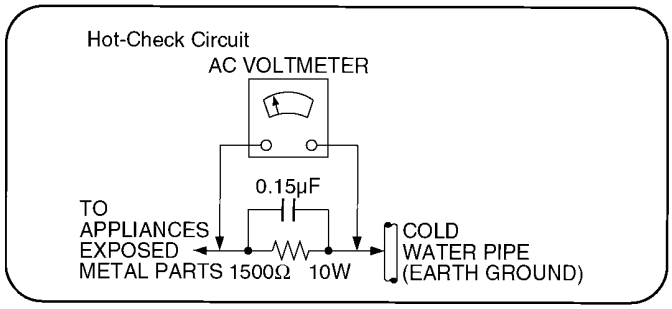


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15µF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

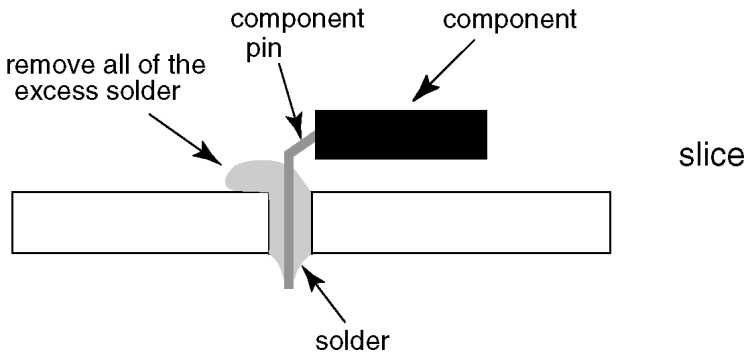
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol (PbF) stamped on the back of PCB.

Caution

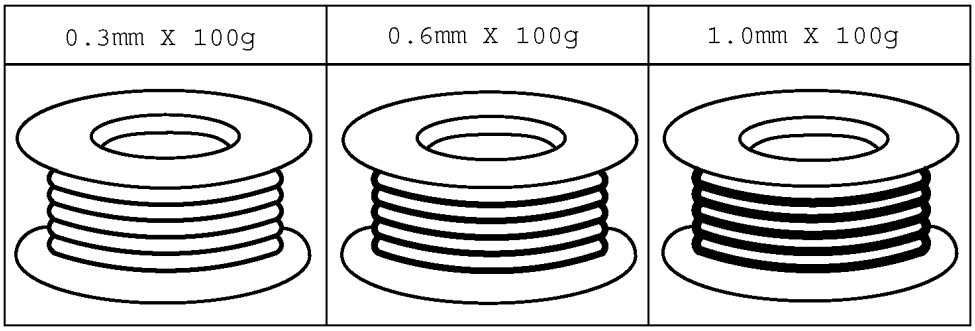
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



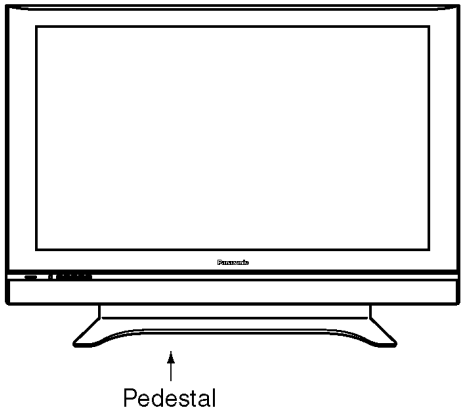
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

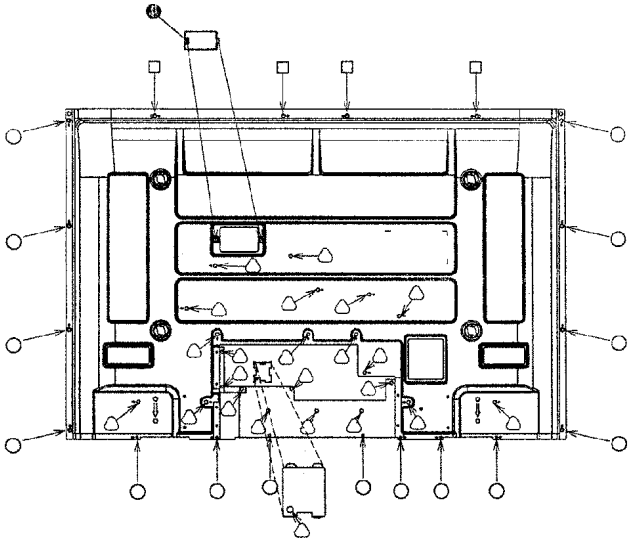


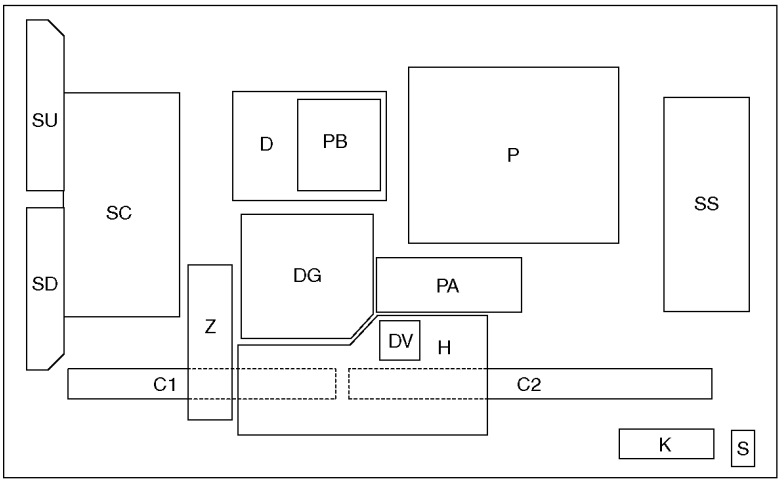
5 Service Hint

Stand the Unit used for Pedestal



Remove the Back Cover





Remove:
15 screws (○) XTB4+15AFJK
1 screw (●) XTB4+12GFJK
4 screws (□) THEL0439
23 screws (△) THEL0429

Service Position

Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Left)
PA	DC-DC Converter, Power SOS	C2	Data Driver (Right)
PB	Audio Power	SC	Scan Drive
H	AV Terminal, AV Switch	SU	Scan out (Upper)
DV	HDMI Interface None serviceable. DV-Board should be exchanged for service.	SD	Scan out (Lower)
		SS	Sustain Drive
		K	Remote receiver, Keyscan
DG	Digital Signal Processor	S	Power Switch
Z	Speaker out, Audio AMP		
D	Format Converter, Plasma AI Processor		

6 Plasma panel replacement method

6.1. Remove the Back cover.

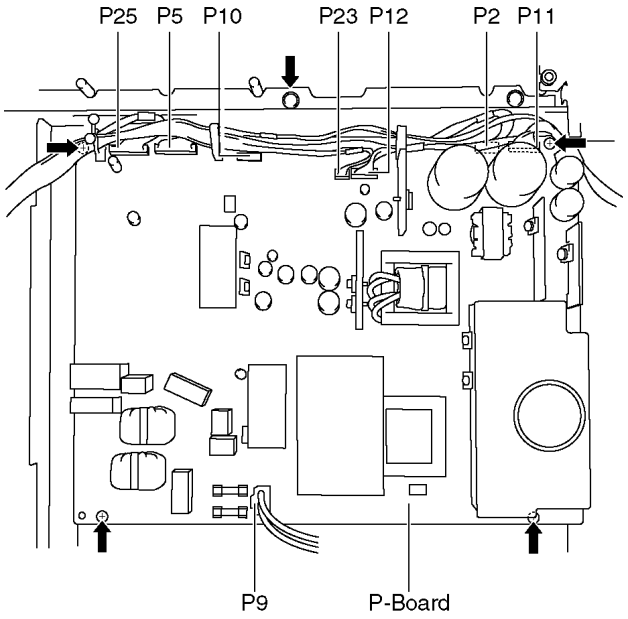
1. See Service hint (Section 5).

6.2. Remove the P-Board.

Caution:

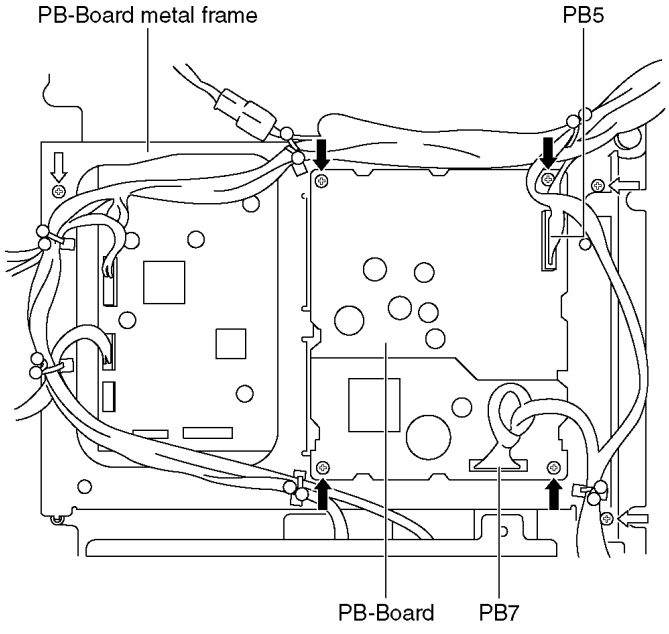
To remove P.C.B., wait 1 minute after power was off for discharge from electrolisis capacitors.

1. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23 and P25).
2. Remove the screws (×5 ➡) and remove the P-Board.



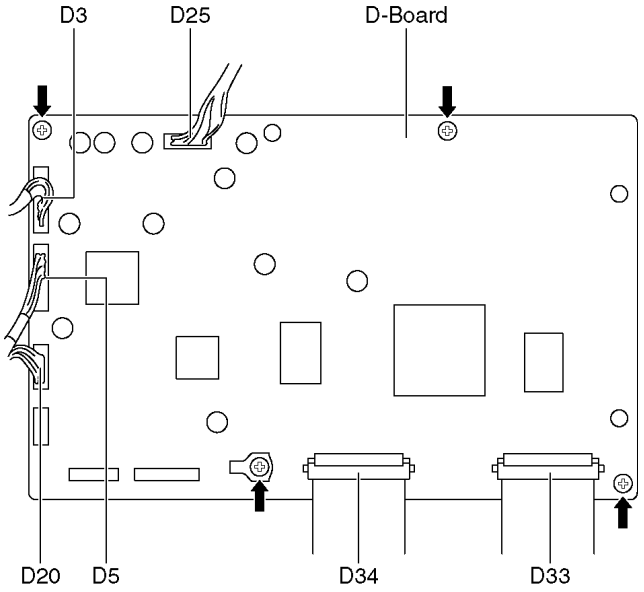
6.3. Remove the PB-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PB5 and PB7).
3. Remove the screws (×3 ⇨) and remove the PB-Board metal frame.
4. Remove the screws (× 4 ➡) and remove the PB-Board.



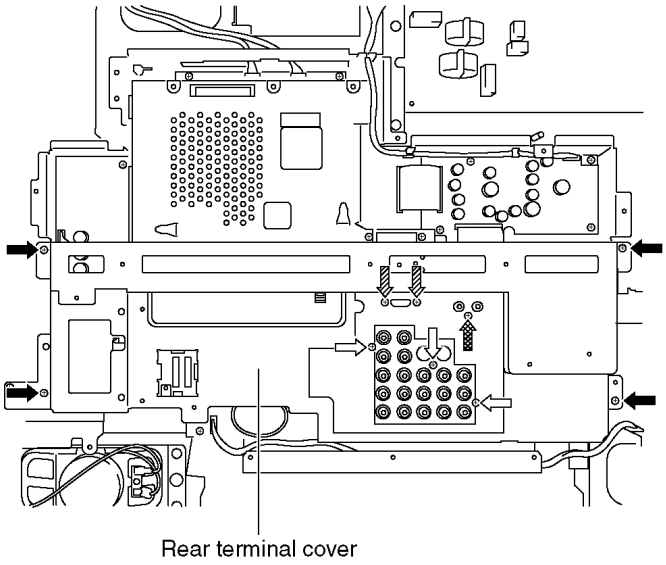
6.4. Remove the D-Board

1. Remove the PB-Board.
2. Disconnect the couplers (D3, D5, D20 and D25) and
3. Disconnect the flexible cables (D33 and D34).
4. Remove the screws (×4 ➡) and remove the D-Board.



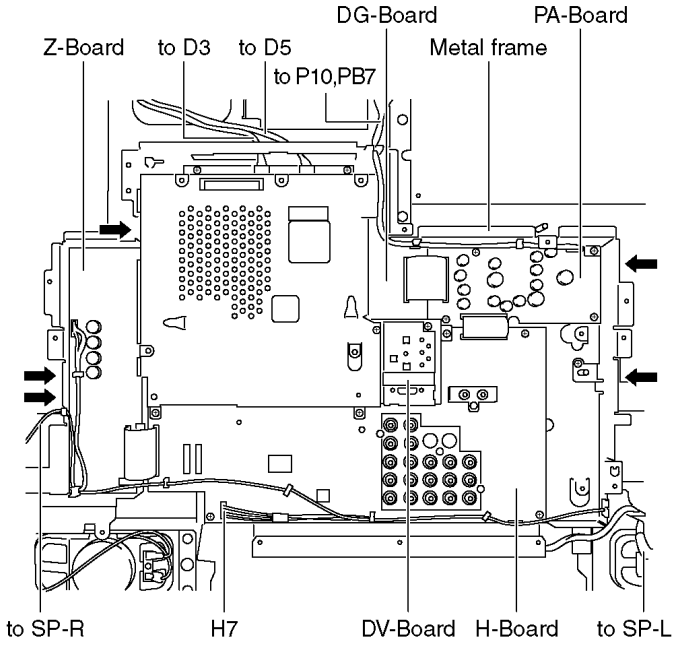
6.5. Remove the rear terminal cover

1. Remove the screws (×4 ➡, ×3 ⇨, ×2 ⇨, and ×1 ➡).
2. Remove the rear terminal cover.



6.6. Remove the metal frame

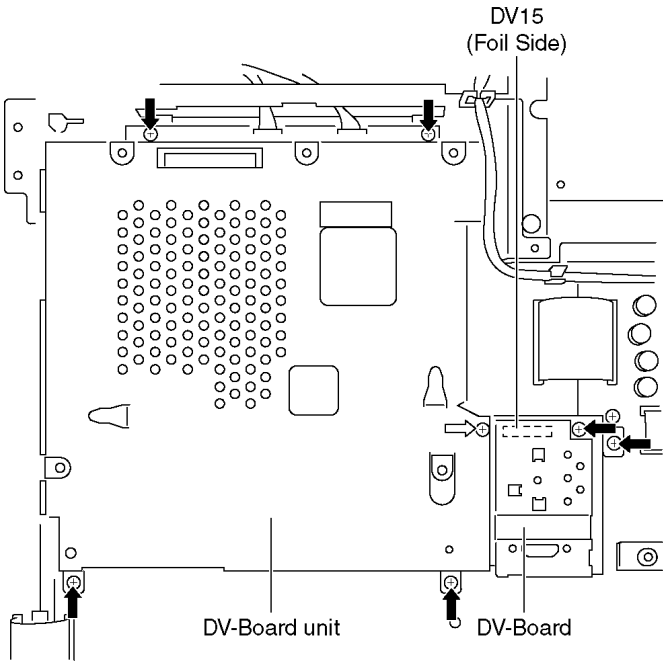
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (D3, D5, H7, P10 and PB7) and relay connector (SP-L and SP-R).
3. Remove the screws (×5 ➡) remove the metal frame.



6.7. Remove the DV-Board

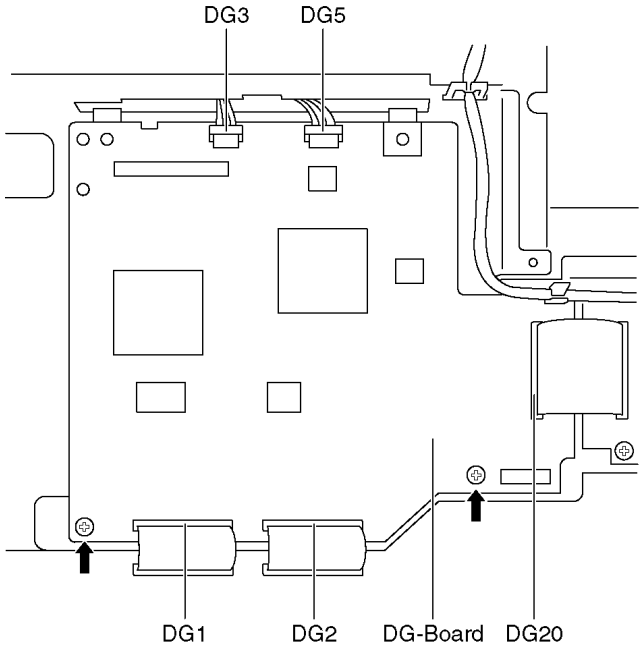
1. Unlock the cable clampers to free the cable.
2. Remove the screws (×6 ➡ and ×1 ⇨).
3. Remove the DV-Board.
4. Remove the DV-Board unit.

   (Be careful the coupler (DV15) when remove the DV-Board unit.)



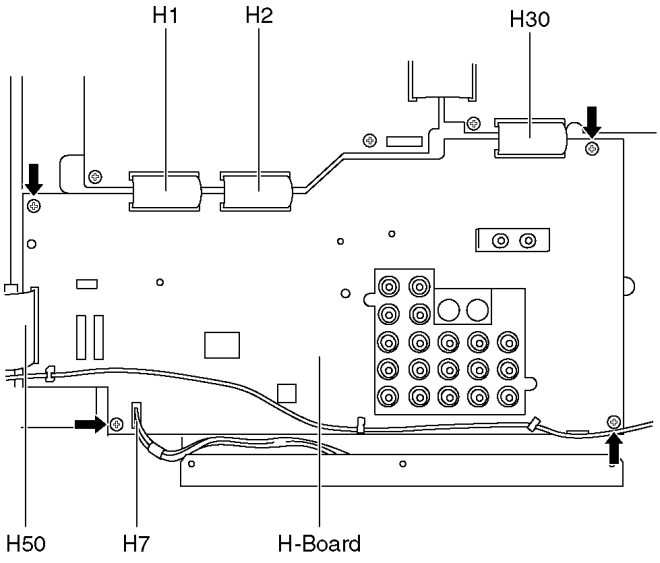
6.8. Remove the DG-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG3 and DG5).
3. Disconnect the flexible cables (DG1, DG2 and DG20).
4. Remove the screws (×2 ➡) and remove the DG-Board.



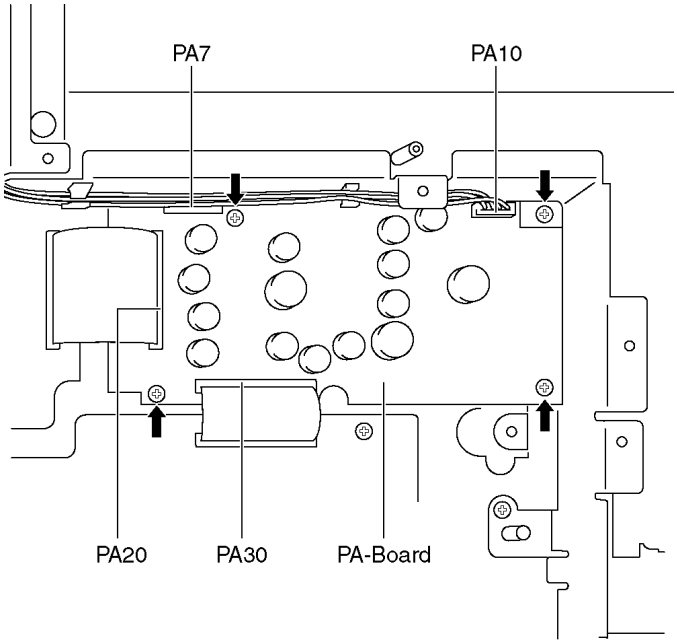
6.9. Remove the H-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (H7).
3. Disconnect the flexible cables (H1, H2, H30 and H50).
4. Remove the screws (×4 ➡) and remove the H-Board.



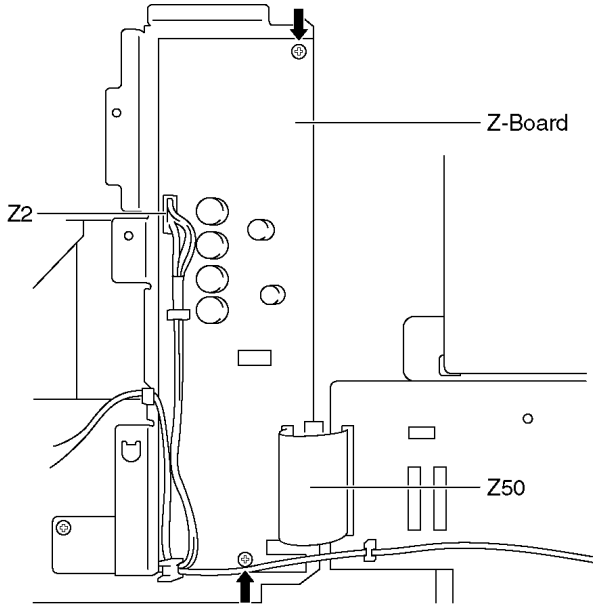
6.10. Remove the PA-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA7 and PA10).
3. Disconnect the flexible cables (PA20 and PA30).
4. Remove the screws (×4 ➡) and remove the PA-Board.



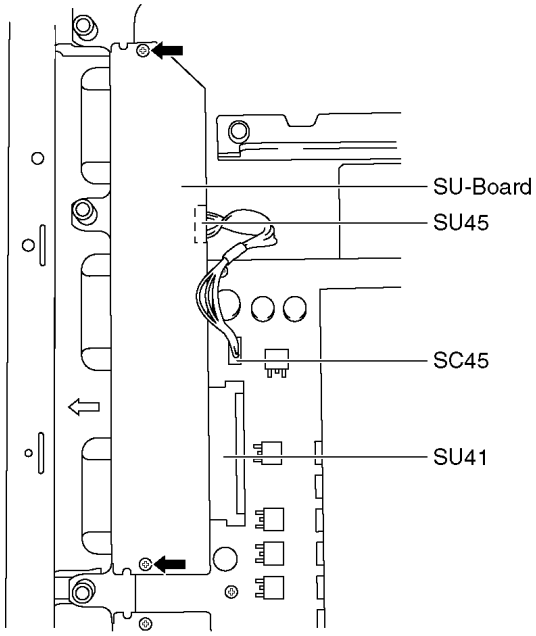
6.11. Remove the Z-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (Z2).
3. Disconnect the flexible cable (Z50).
4. Remove the screws (×2 ➡) and remove the Z-Board.

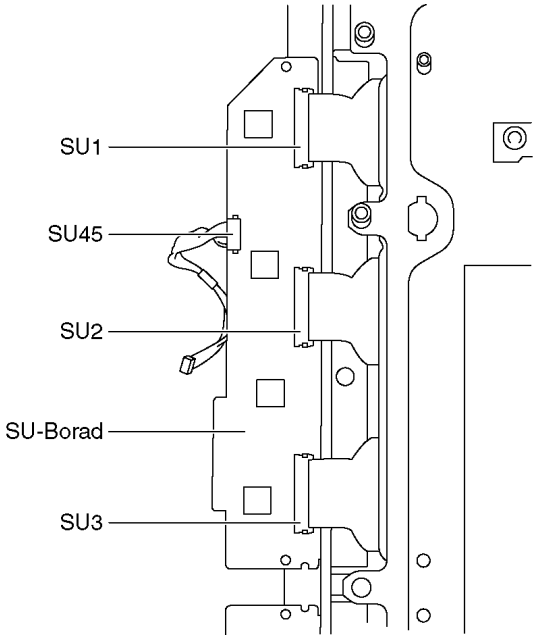


6.12. Remove the SU-Board

1. Remove the screws (×2 ➡)
2. Slide the SU-Board to the left to disconnect from a coupler (SC41 - SU41) on the SC-Board and disconnect a coupler (SU45 or SC45).

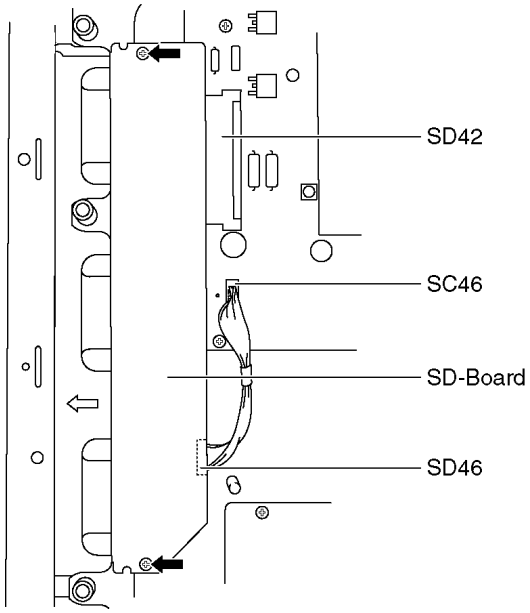


3. Disconnect the flexible cables (SU1, SU2 and SU3) connected to the SU-Board, and remove the SU-Board.

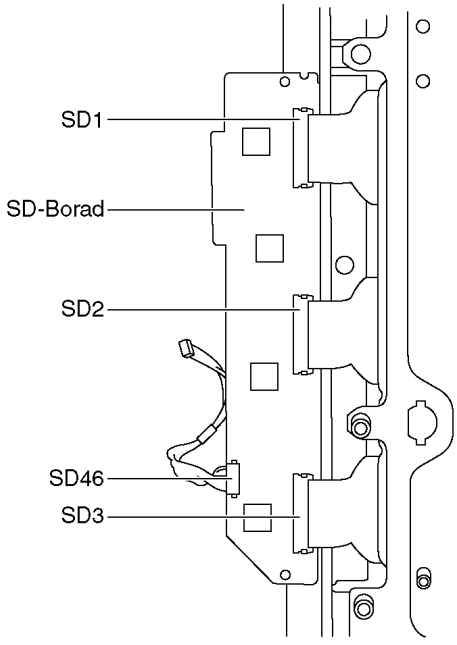


6.13. Remove the SD-Board

1. Remove the screws (×2 ➡)
2. Slide the SD-Board to the left to disconnect from a coupler (SC42 - SD42) on the SC-Board and disconnect a coupler (SD46 or SC46).

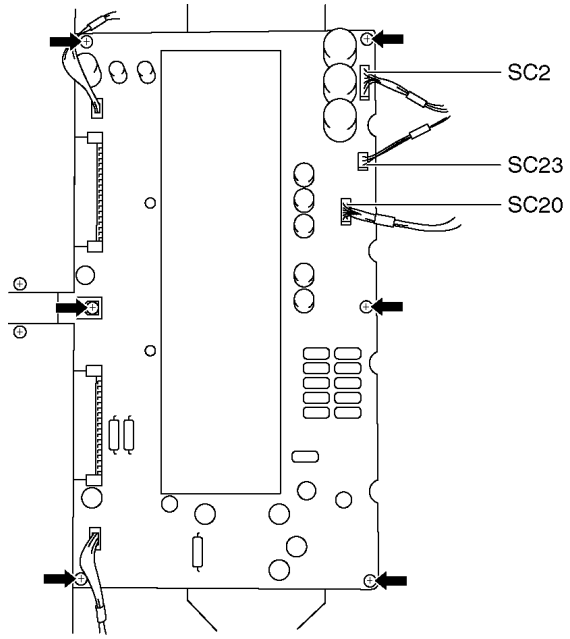


3. Disconnect the flexible cables (SD1, SD2 and SD3) connected to the SU-Board, and remove the SD-Board.



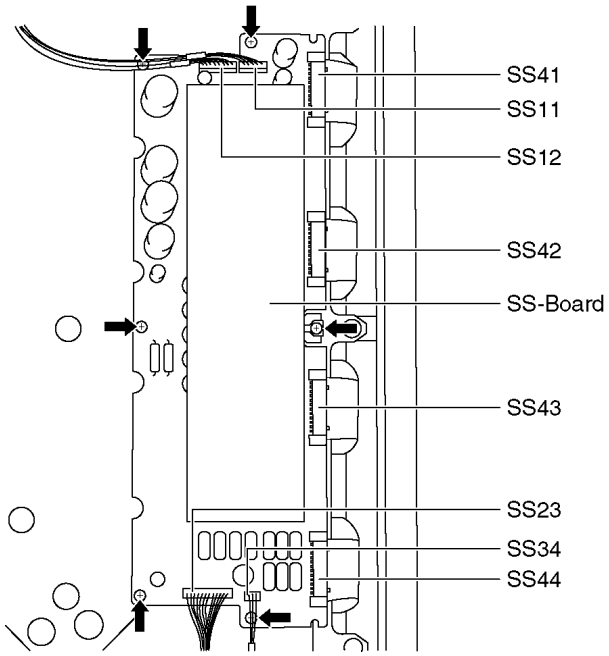
6.14. Remove the SC-Board

1. Disconnect the couplers (SC2, SC20 and SC23).
2. Remove the screws (×6 ➡) and remove the SC-Board.



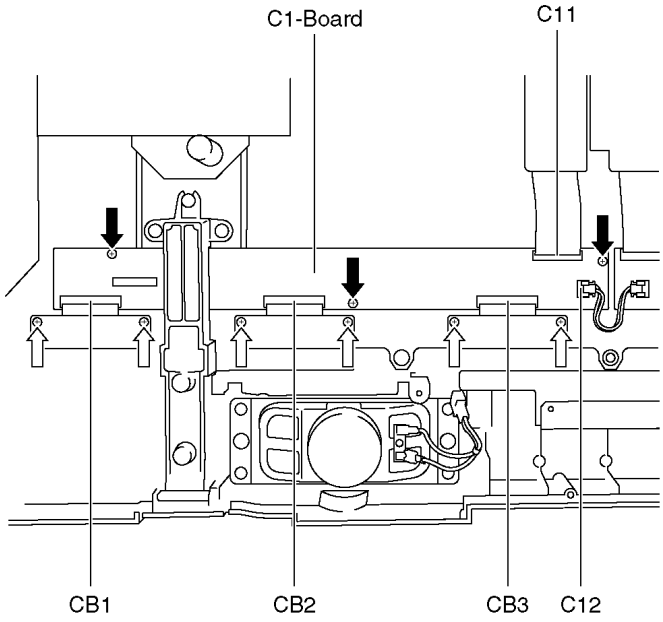
6.15. Remove the SS-Board

1. Disconnect the couplers (SS11, SS12, SS23 and SS34).
2. Disconnect the flexible cables (SS41, SS42, SS43 and SS44).
3. Remove the screws (×6 ➡) and remove the SS-Board.



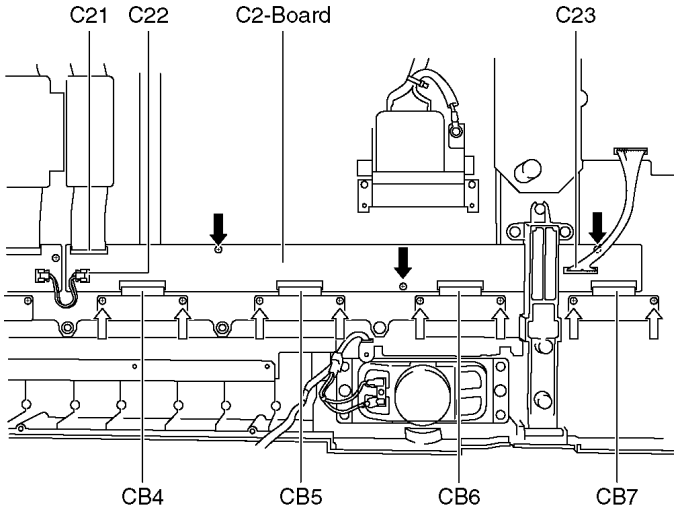
6.16. Remove the C1-Board

1. Remove the flexible cables holder fastening screws (×6 ⇨).
2. Disconnect the flexible cables (CB1, CB2 and CB3).
3. Disconnect the flexible cable (C11).
4. Disconnect the coupler (C12).
5. Remove the screws (×3 ➡) and remove the C1-Board.



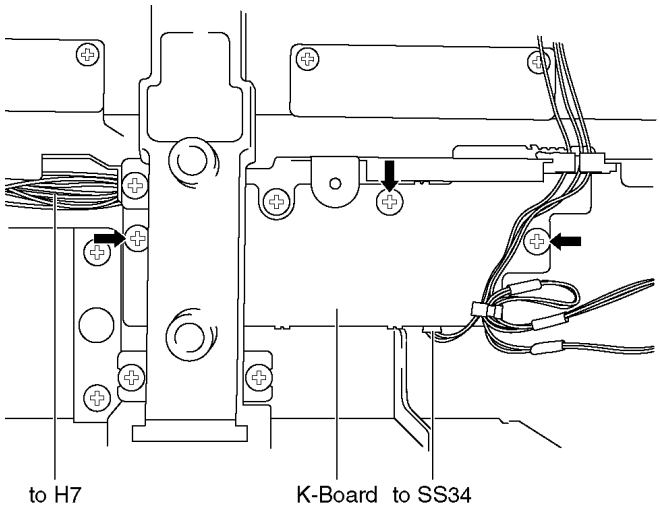
6.17. Remove the C2-Board

1. Remove the flexible cables holder fastening screws (×8 ⇨).
2. Disconnect the flexible cables (CB4, CB5, CB6 and CB7).
3. Disconnect the flexible cable (C21).
4. Disconnect the couplers (C22 and C23).
5. Remove the screws (×3 ➡) and slide the C2-Board to the left and remove the C2-Board.



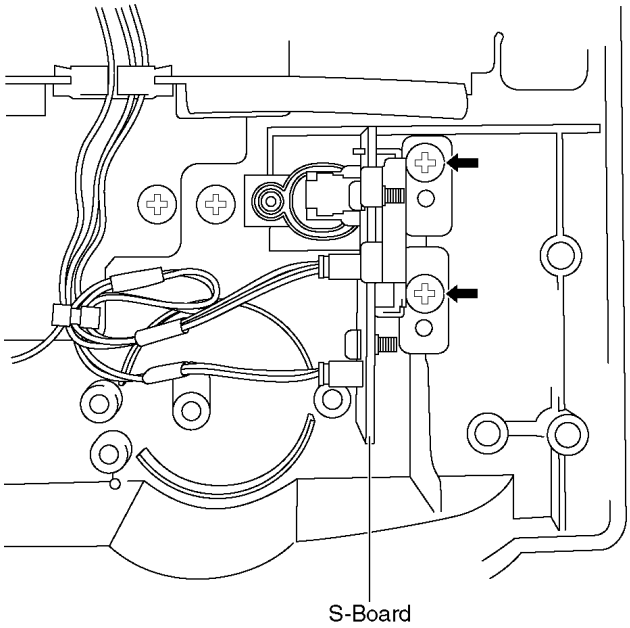
6.18. Remove the K-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (H7 and SS34).
3. Remove the screws (×3 ➡) and remove the K-Board.

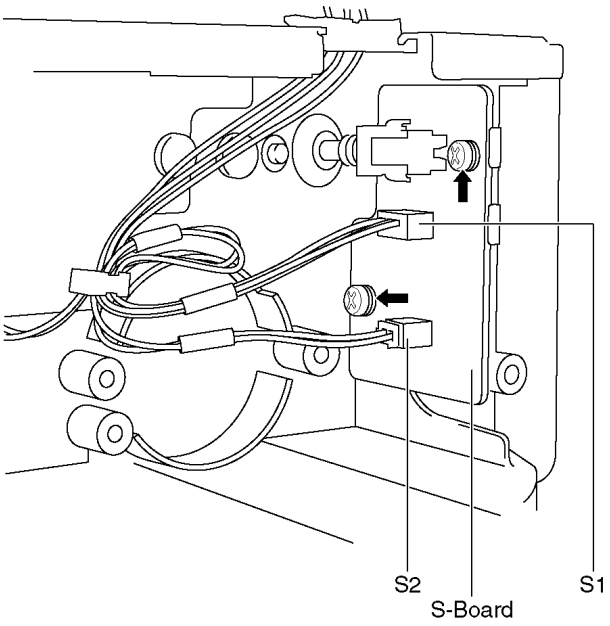


6.19. Remove the S-Board

1. Remove the screw (×2 ➡) and remove the S-Board unit.

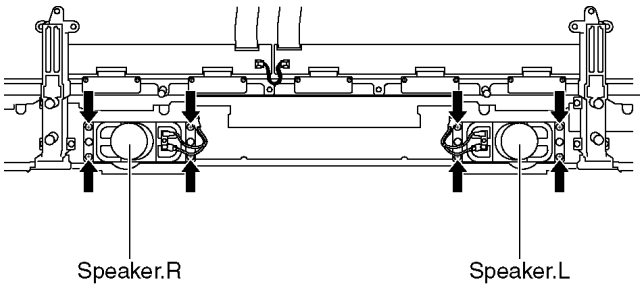


2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (S1 and S2).
4. Remove the screws (×2 ➡) and remove the S-Board.



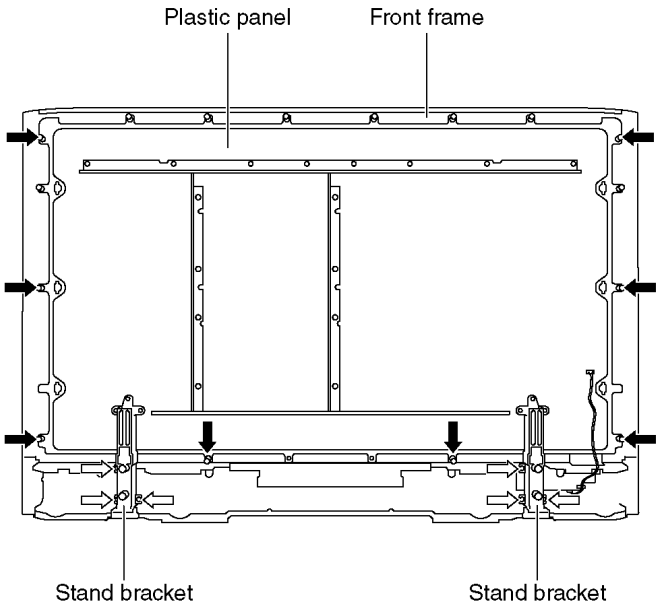
6.20. Remove the Speaker L, R

1. Remove the screw (×8 ➡) and remove the Speaker L, R.

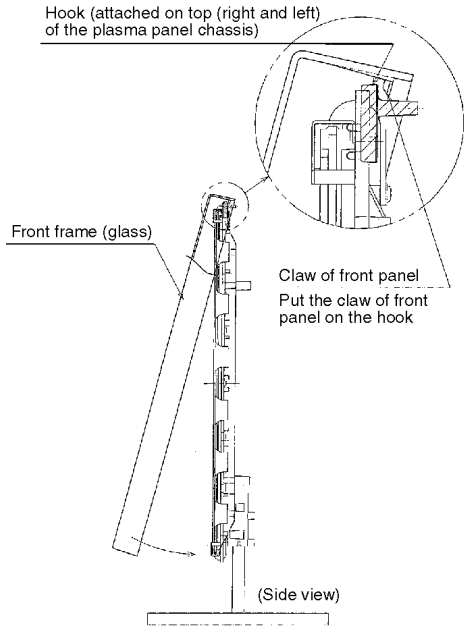


6.21. Remove the Plasma panel section from the Front frame (glass)

1. Remove the front frame and the plasma panel fastening screw (×8 ➡).
2. Remove the front frame and the stand brackets fastening screw (×6 ⇨).



3. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.



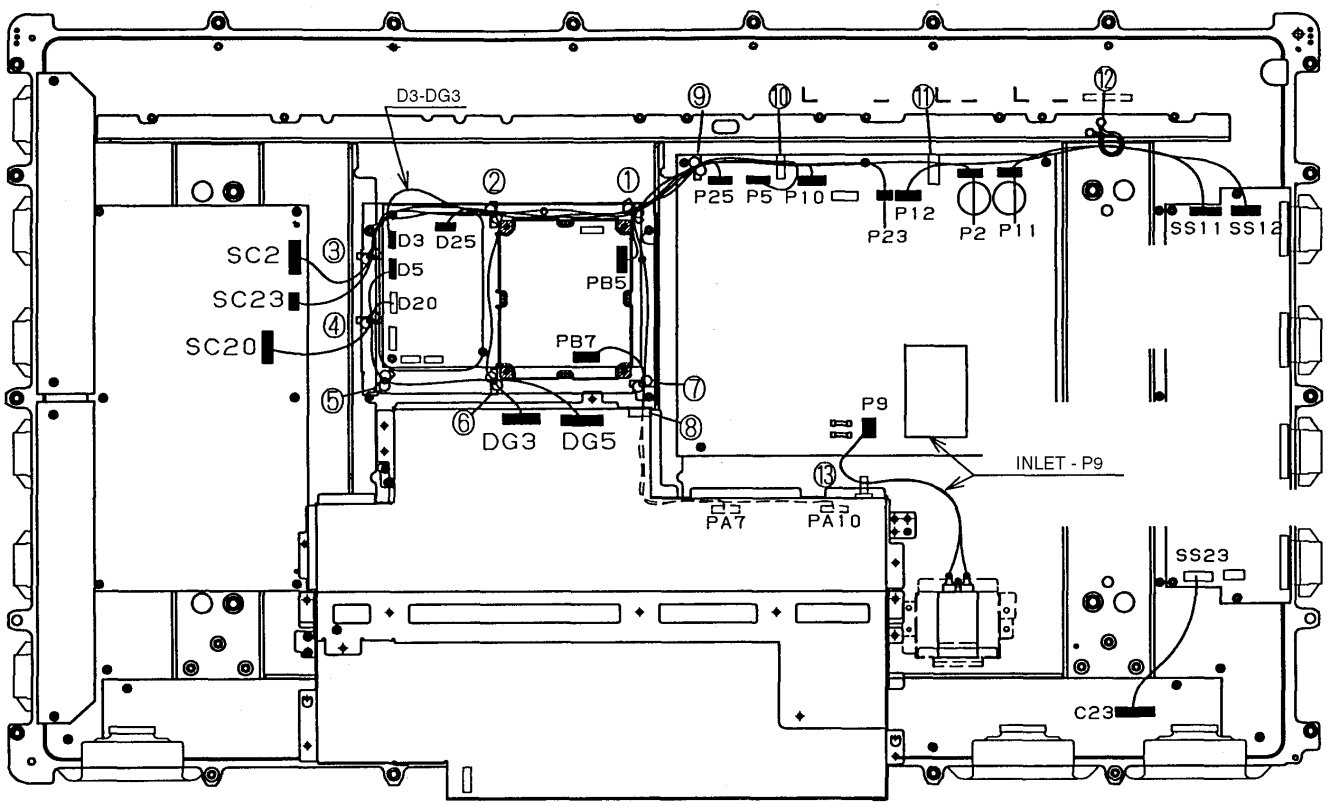
6.22. Replace the plasma panel (finished).

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1-Board and the C2-Board, connect the flexible cables (×7) from the Plasma panel to the C1-Board and C2-Board, and fix the flexible cable holders.
3. Attach the Hooks (left, right) and fit the stand brackets (left, right) to the new plasma panel.
4. Place the plasma panel section on the servicing stand.
5. Attach the front frame and the each P.C.Board and so on, to the new plasma panel.

   *** When fitting the front frame, be careful not to allow any debris, dust or handling residues to remain between the front glass and plasma panel.**

7 Location of Lead Wiring

7.1. Lead of Wiring (1)

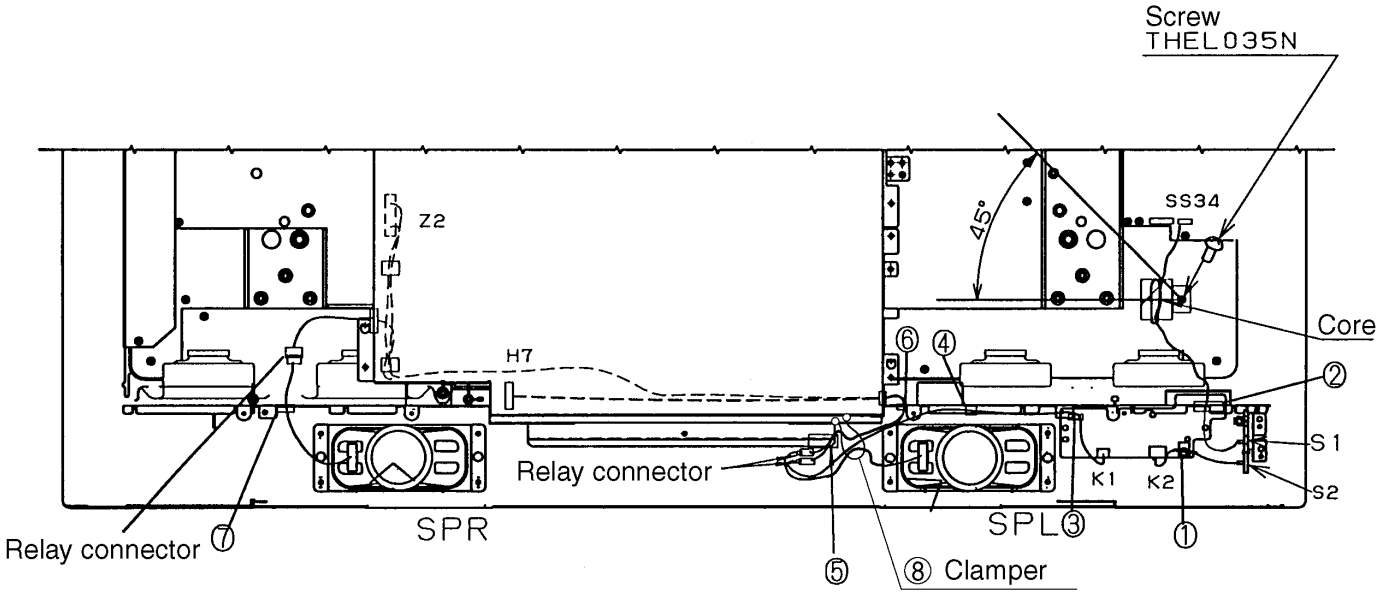


7.2. Lead of Wiring (2)

CON : No. —— CON : No.	1	2	3	4	5	6	7	8	9	10	11	12	13
SC2 —— P2	○	○	○						○	○	○		
SC23 —— P23	○	○	○						○	○			
SC20 —— D20				○									
DG3 —— D3		○				○							
DG5 —— D5				○	○	○							
D25 —— P25	○	○							○				
PB5 —— P5	○								○	○			
PA7 —— PB7							○	○					
PA10 —— P10	○						○	○	○	○			
SS11 —— P11												○	
SS12 —— P12											○	○	
SS23 —— C23													
INLET —— P9													○

Connector Connection: P2, P5, P9, P10, P11, P12, P23,, P25
D3, D5, D25,
PB7, PB5,
SC2, SC20, SC23,
SS11, SS12,
DG3, DG5,
C23

7.3. Lead of Wiring (3)



CON : No. —— CON : No.	①	②	③	④	⑤	⑥	⑦	⑧			
S1 —— SS34		○									
K2 —— H7			○	○	○	○		○			
SP L —— Z2					○	○		○			
SP R —— Z2							○				
S2 —— K2	○										

8 Self-check Function

When symptoms like “the power fails sometimes” or “sometimes there is no picture and/or sound” can not be confirmed at the time of servicing, the self-check function can be used to confirm the occurrence and to find the defective circuit.

In case of “power failure”, flashing of the “POWER” indication (red) at the front of the unit can be used to narrow down the +B line.

8.1. How to access

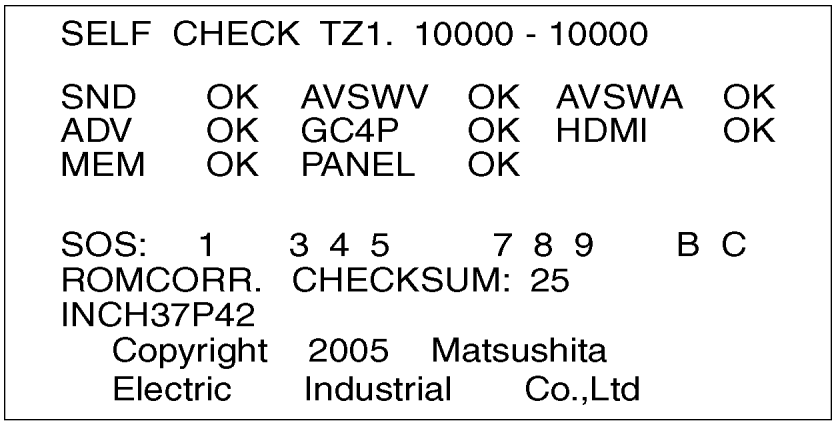
8.1.1. Access

Produce TV reception screen and, while pressing [VOLUME-] button on the main unit, press [SLEEP] button on the remote controller unit simultaneously.

8.1.2. Exit

Remove the AC cord.

8.1.3. Screen display



Display	Ref.No.	Description	Board
SND	IC2608	BBE Viva	H-Board
AVSWV	IC2602	Video SW	H-Board
AVSWA	IC2605	Audio SW	H-Board
ADV	IC4018	10Bits A/D	DG-Board
GC4P	IC4026	GC4PRO	DG-Board
HDMI	IC5003	HDMI I/F Receiver	DV-Board
MEM	IC4008	EEPROM	DG-Board
PANEL	IC9007	SUB MICON	D-Board

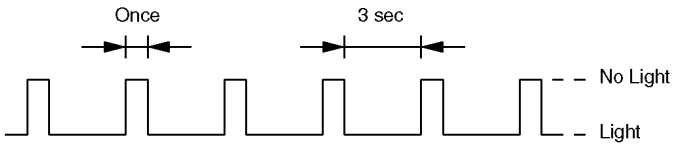
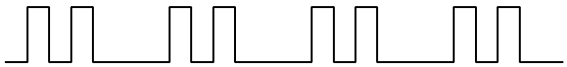
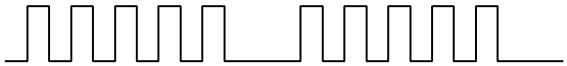
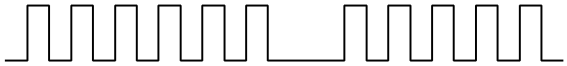
8.2. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.

2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents & Check point
1		No particular check point
2		12V SOS
3		3.3V SOS
4		Power SOS
5		5V SOS
6		Scan Driver (SC Energy recovery circuit)
7		Scan Driver (SC floating voltage area)
8		SUS Driver (SS Energy recovery circuit)
9		Panel Status
10		Sub 5V Down BS 9V Down Main 9V Down Main 3.3V Down
11		FAN SOS
12		Sound SOS

3. Remarks

   Above Fan function is operated during the fans are installed.

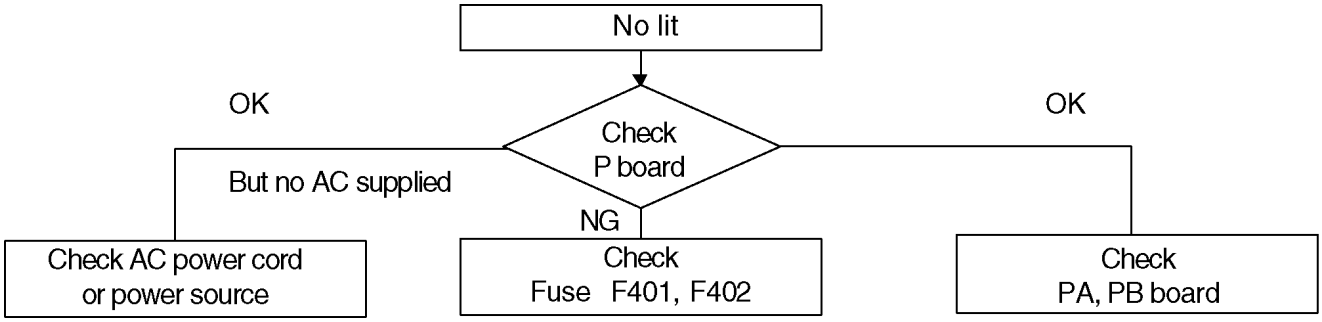
8.3. No Power

First check point

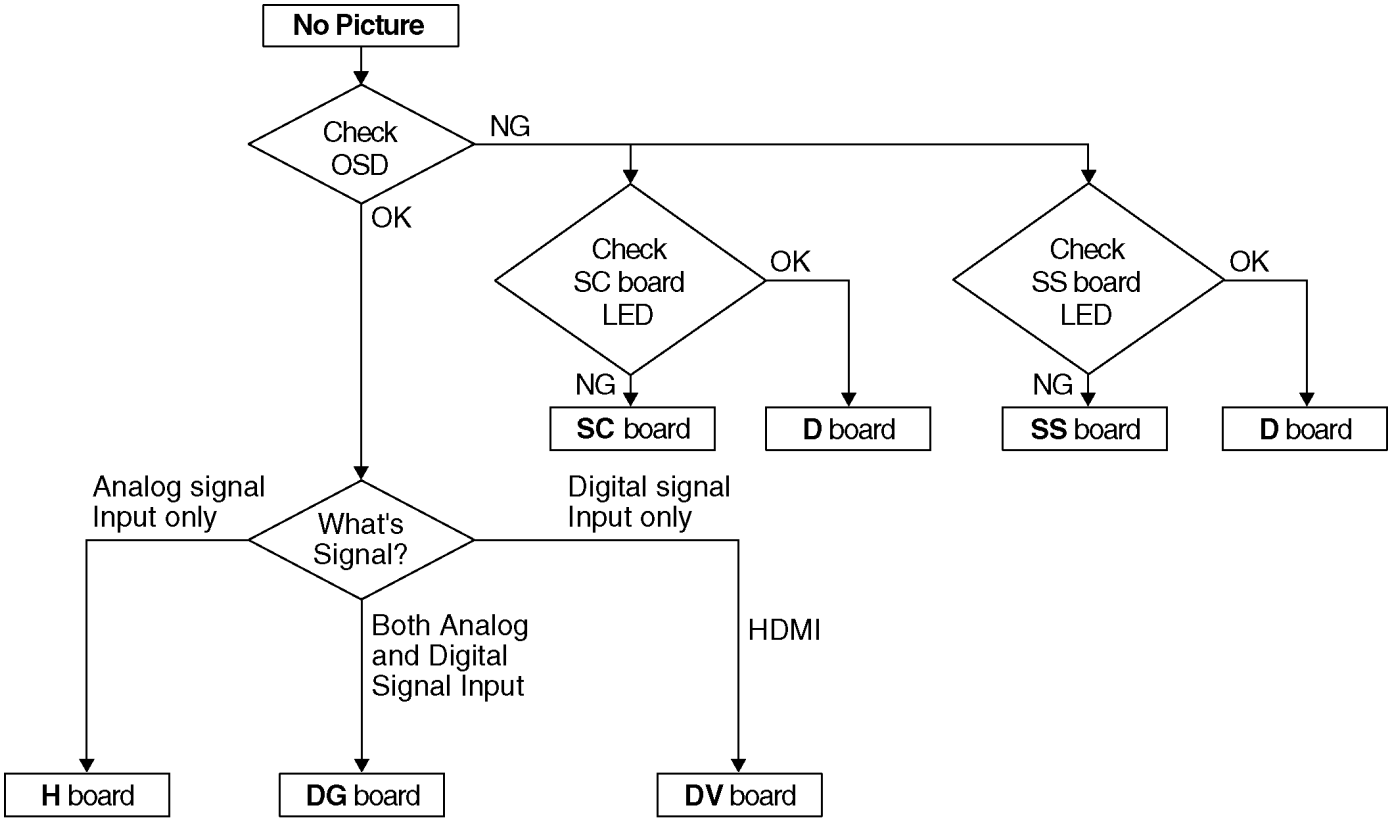
There are following 2 states of No Power indication by power LED.

1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 8.2.)

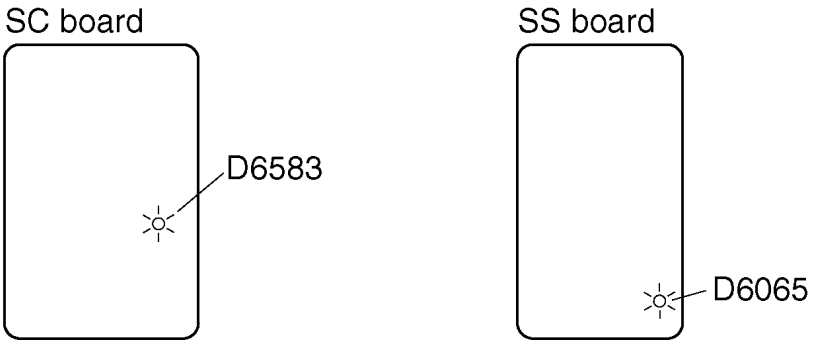
1. No lit



8.4. No Picture

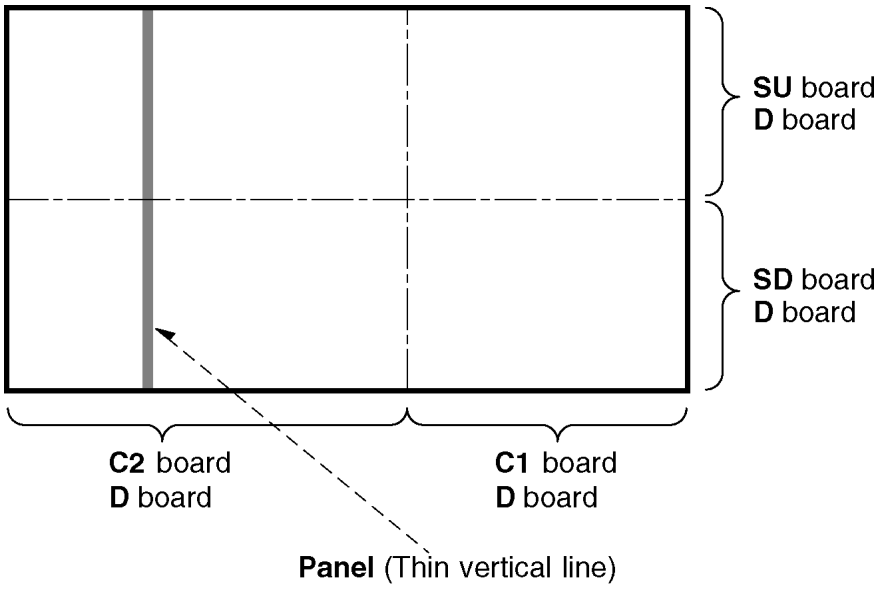


Drive circuits LED indicator



8.5. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.



<Local screen failure chart>

Fig - 1

9 Serviceman Mode

9.1. How to enter into Serviceman Mode

While pressing [VOLUME-◀] button of the main unit, press [RECALL] button of the remote control three times in a row (within 2 seconds).

9.1.1. Adjustment method.....Use the remote control.

"▲" button...Main items Selection in forward direction

"▼" button...Main items Selection in reverse direction

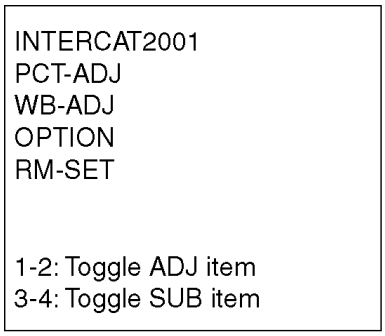
"▶" button...Sub items Selection in forward direction

"◀" button...Sub items Selection in reverse direction

"VOL" button...Value of sub items change in forward direction (+), in reverse direction (-)

"SLEEP"...EEP COPY: EXT → INT

"RETURN"...EEP COPY: INT → EXT



9.2. Cancellation

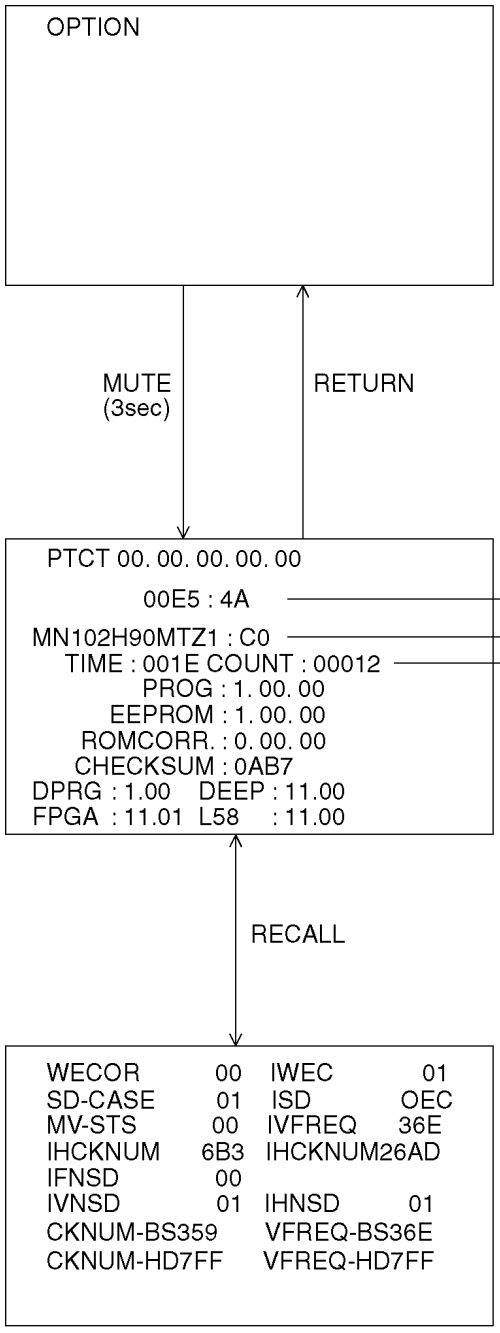
Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

9.3. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data
PCT-ADJ	PICTURE	11C
	COLOR	33
	TINT	05
	S-BRT	800
WB-ADJ	R-CUT	80
	G-CUT	80
	B-CUT	80
	R-DRV	DC
	G-DRV	FC
	B-DRV	E9
	ALL-CUT	80
	ALL-DRV	FC
	SUB-BRT	800
OPTION	OPT00	1
	EEP COPY	ALL
RM-SET	CODE	A

9.4. Option



Select "OPTION" in Service man Mode.

EEPROM ADDRESS : EEPROM value

ROM Part.No. : ROM CORR.Check SUM

TIME : Power on time (hexadecimal number)
COUNT : ON Count
PROG : Soft Ver.
EEPROM : EEPROM Ver.
ROMCORR. : ROMCORR Ver.
CHECKSUM : Soft check SUM
DPRG / DEEP PDP Panel Micon
FBGA / L58 PDP Panel Micon

"▶" button ..... EEPROM address low digits increment
"◀" button ..... EEPROM address low digits decrement
"MENU" button ..... EEPROM address upper digits increment
"OK" button ..... EEPROM data read
"VOL" button ..... Value of sub itemschange in forward divection (+), in reverse direction (-).

10 Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. Input an APL 100 % white signal.
2. Set the picture controls: -

   Picture mode: Normal

   White balance: Cool

   Aspect: 16:9

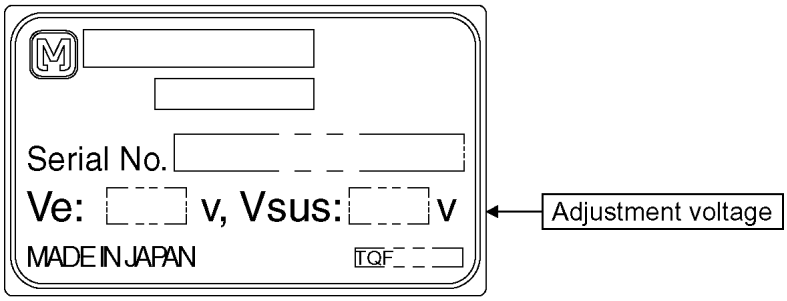
10.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 1V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6074 (SS)	*
Vset	TPVSET (SC)	232V ± 7V	Fixed	
Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
Vscn	TPVSCN (SC)	Vad+120V ± 3V	Fixed	
Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
PFC	C446 (+)(-)	395V± 0.5V	R443 (P)	
Vlow	C557 (+)(-)	73V± 0.1V	R661 (P)	load current : 0.4A
Vsus	TPVsus	174V± 1V	R671 (P)	load current : 0.6A

*See the Panel label.

Panel Label information



10.2. Initialization Pulse Adjust

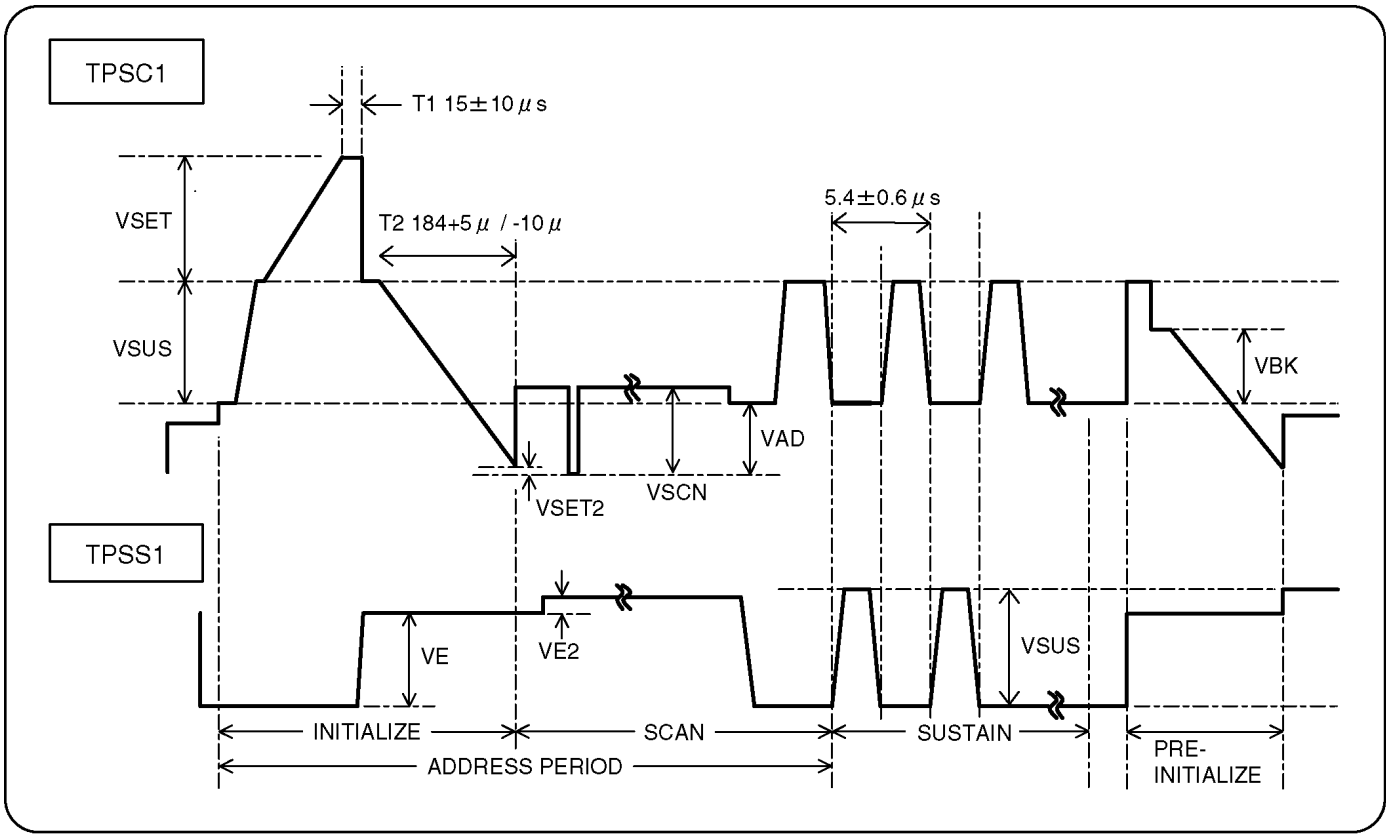
1. Input a Cross hatch signal.
2. Set the picture controls: -

   Picture mode: Normal

   White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	---	15 ± 10µ Sec
T2	TPSS1 (SS)	VR6557 (SC)	184 + 5µ / - 10µ Sec



10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

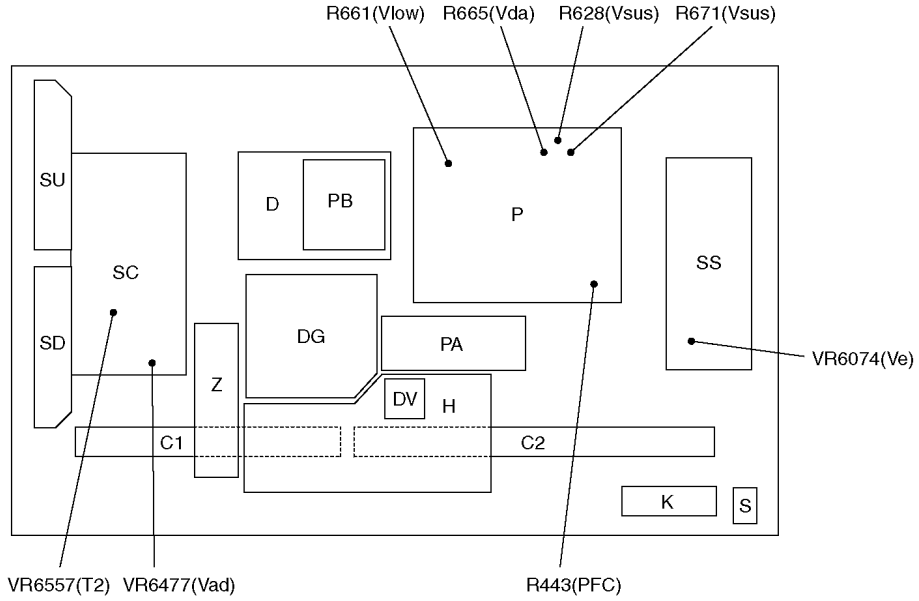
1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

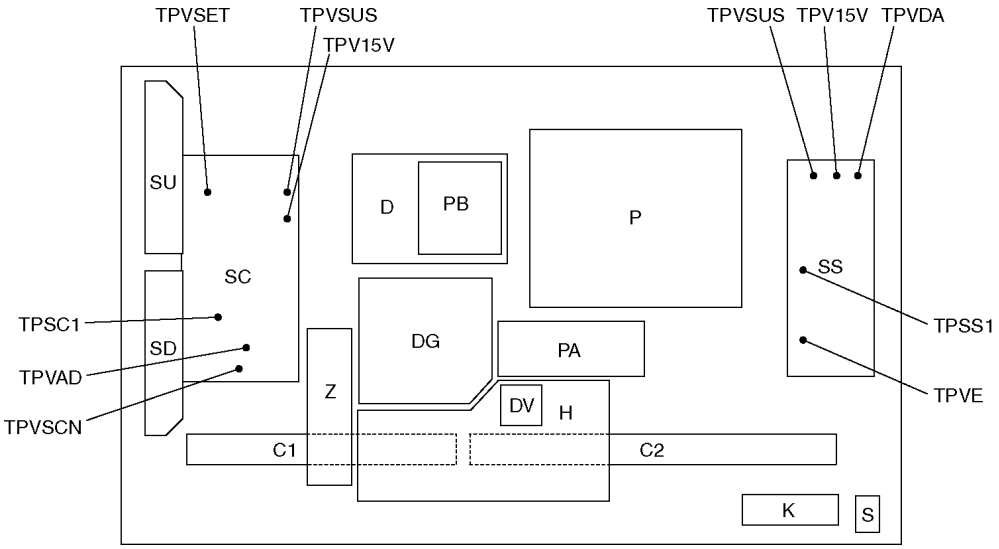
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 1V	R628 (P)	*
	Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
	PFC	C446 (+) (-) (P)	395V ± 0.5V	R443 (P)	
	Vlow	C557 (+) (-) (P)	73V ± 0.1V	R661 (P)	load current : 0.4A
	Vsus	TPVSUS (SS)	174V ± 0.5V	R671 (P)	load current : 0.6A
SC Board	Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6074 (SS)	*
D, DG Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

10.4. Adjustment Volume Location



10.5. Test Point Location



11 Adjustment

11.1. NTSC panel white balance adjustment

Instrument Name	Connection	Remarks
• W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	Video input Panel surface	

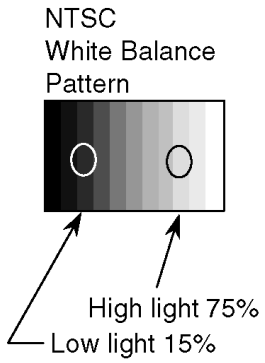
Procedure	Remarks
• Ensure aging is adequate. • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. 1. Output a white balance pattern. 2. Check that the color temperature is "Cool". 3. Set to factory mode, WB-ADJ. 4. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 5. Attach the sensor of color analyzer to the center of highlight window. 6. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature High" in table 1. 7. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 8. Confirm the highlight to the values shown in table 1 "Color temperature High". If not, re-adjust. 9. Set color temperature to "Normal". 10. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 11. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Mid" in table 1. 12. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 13. Confirm the highlight to the values shown in table 1 "Color temperature Mid". If not, re-adjust. 14. Set color temperature to "Warm". 15. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 16. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Low" in table 1. 17. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 18. Confirm the highlight to the values shown in table 1 "Color temperature Low". If not, re-adjust. 19. Set color temperature to "Cool"	Pic. mode : Vivid ASPECT : 16:9 • Highlight section Signal amplitude 75% 

Table 1、W/B adjustment values

Colour temperature	x	y
High	0.276	0.276
Mid	0.288	0.296
Low	0.313	0.329

Table 2、Cutoff data addresses (NTSC)

Colour temperature	R	G	B
High	A0-0137	A0-0138	A0-0139
Medium	A0-013D	A0-013E	A0-013F
Low	A0-0143	A0-0144	A0-0145

Table 3、Drive data addresses (NTSC)

Colour temperature	R	G	B
High	A0-013A	A0-013B	A0-013C
Medium	A0-0140	A0-0141	A0-0142
Low	A0-0146	A0-0147	A0-0148

11.2. HD white balance adjustment

Instrument Name	Connection	Remarks
• W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	Component input Panel surface	User setting : Normal

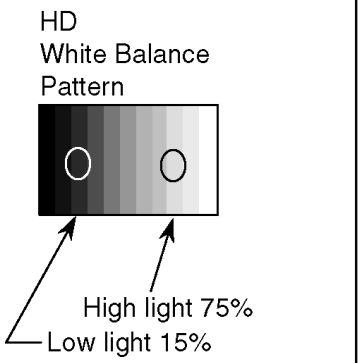
Procedure	Remarks
• Ensure aging is adequate • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. 1. Output a white balance pattern. 2. Check that the color temperature is "Cool". 3. Set to Service mode, WB-ADJ. 4. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 5. Attach the sensor of color analyzer to the center of highlight window. 6. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature High" in table 1. 7. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 8. Confirm the highlight to the values shown in table 1 "Color temperature High". If not, re-adjust. 9. Set color temperature to "Normal". 10. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 11. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Mid" in table 1. 12. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 13. Confirm the highlight to the values shown in table 1 "Color temperature Mid". If not, re-adjust. 14. Set color temperature to "Warm". 15. Set "G-CUT", "B-CUT" and "R-CUT" as 80h. 16. Fix G drive at E0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Low" in table 1. 17. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh. 18. Confirm the highlight to the values shown in table 1 "Color temperature Low". If not, re-adjust. 19. Set color temperature to "Cool"	Image menu : Vid ASPECT : 16:9 • Highlight section Signal amplitude 75%  • The Color balance COOL differs from Japanese model values.

Table 1、W/B adjustment values

Colour temperature	x	y
High	0.276	0.276
Mid	0.288	0.296
Low	0.313	0.329

Table 2、Cutoff data addresses (HD)

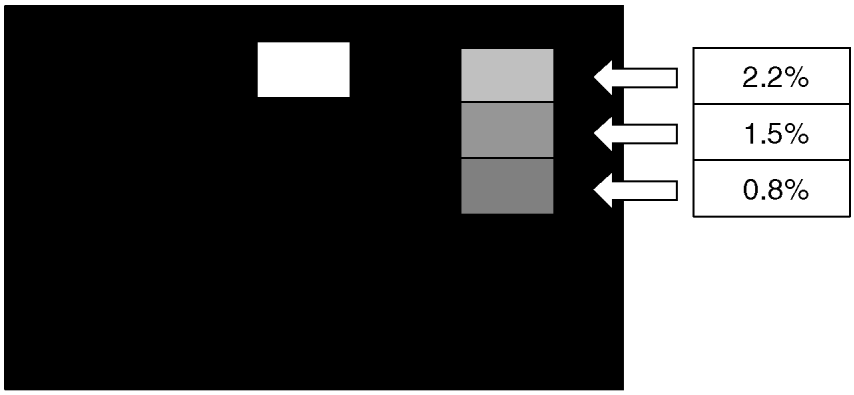
Colour temperature	R	G	B
High	A0-0125	A0-0126	A0-0127
Medium	A0-012B	A0-012C	A0-012D
Low	A0-0131	A0-0132	A0-0133

Table 3、Drive data addresses (HD)

Colour temperature	R	G	B
High	A0-0128	A0-0129	A0-012A
Medium	A0-012E	A0-012F	A0-0130
Low	A0-0134	A0-0135	A0-0136

11.3. Sub bright adjustment

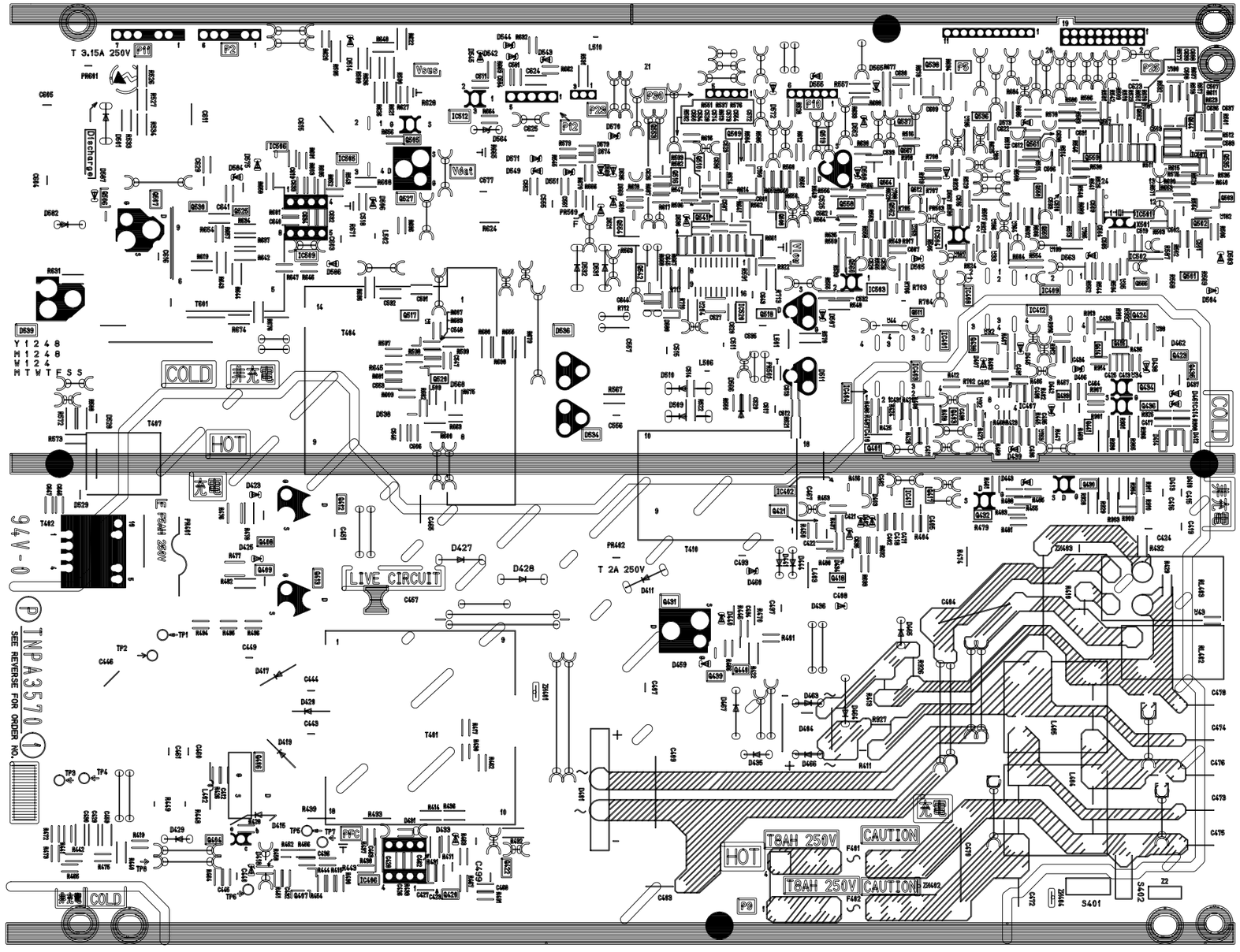
Instrument Name	Connection	Remarks
1. NTSC signal generator	Connect to the input terminal	

Procedure	Remarks
• Color balanve adjustment is finished for each signal. • Do adjustments in a dark room. 1. Display the pattern for adjusting subbright from NTSC signal. 2. Use “Sub-Bright” in the “Service-Menu1” mode to adjuct so the top part of the step section in the below diagram fintly shows up and the middle fades away. * Sub-BRT EEPROM : (Ver 0.63) 112 : Sub-Bright increment 0X08 113 : Sub-Bright decrement 0X00  	Picture menu : Dynamic Color balance : Normal ASPECT : 16:9 * If using RF ch.E04, (Sub-bright test pattern), adjust so the 6th section shows up and the 7th fades away.

12 Conductor View

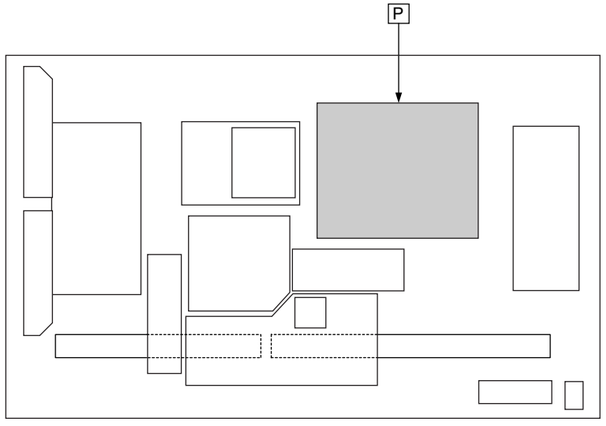
12.1. P-Board

P-BOARD (FOIL SIDE)
TNPA3570



TH-42PM50U
P-BOARD TNPA3570

TH-42PM50U
P-BOARD TNPA3570



Parts Location

P-BOARD (FOIL SIDE)							
IC		**TRANSISTOR**		Q441	G-4	Q553	E-5
IC401	G-4	Q401	F-4	Q501	H-5	Q554	E-5
IC402	F-3	Q403	G-4	Q502	H-5	Q557	G-5
IC403	F-4	Q404	C-2	Q503	H-5	Q558	F-5
IC404	F-4	Q406	C-2	Q505	D-5	Q559	G-5
IC406	D-1	Q407	C-1	Q506	B-5	Q560	F-5
IC407	G-4	Q408	C-3	Q507	B-5	Q561	G-5
IC408	G-4	Q409	C-3	Q508	F-5	Q562	F-5
IC409	G-5	Q412	C-3	Q509	E-5	Q564	F-5
IC411	F-3	Q413	C-3	Q510	E-5	Q565	H-5
IC412	G-4	Q414	G-4	Q511	F-4	Q567	F-5
IC431	F-4	Q415	H-4	Q512	F-5		
IC501	H-5	Q417	G-3	Q516	E-5	**TP**	
IC502	H-5	Q418	F-3	Q517	D-4	TP1	B-3
IC503	F-5	Q420	D-1	Q518	F-4	TP2	B-3
IC504	G-5	Q421	F-3	Q519	F-5	TP3	B-2
IC505	C-5	Q422	D-1	Q520	D-4	TP4	B-2
IC506	C-5	Q423	H-4	Q525	C-5	TP5	C-2
IC507	H-5	Q424	H-4	Q527	D-5	TP6	C-1
IC509	C-5	Q430	G-3	Q530	C-5	TP7	C-1
IC512	D-6	Q431	E-3	Q535	H-5	TP8	B-1
IC520	E-5	Q432	G-3	Q536	G-5		
		Q433	G-4	Q537	F-5		
		Q434	H-4	Q538	G-6		
		Q435	H-4	Q541	E-5		
		Q436	H-4	Q542	E-5		
		Q438	G-4	Q544	H-5		
		Q439	E-2	Q550	G-5		
		Q440	E-2	Q551	G-5		
				Q552	H-5		

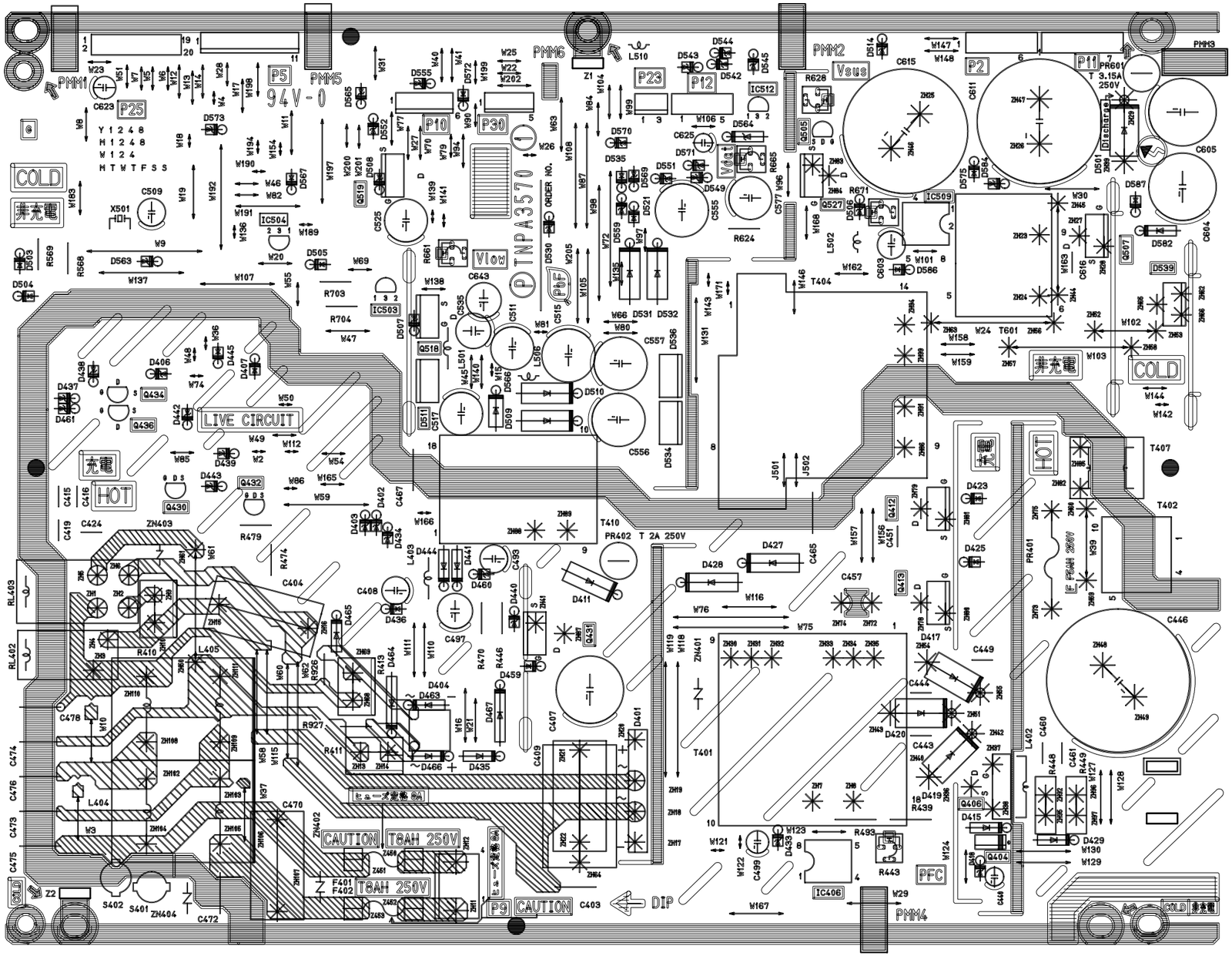
TH-42PM50U
P-BOARD PARTS LOCATION

Parts Location

P-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC406	F-1	Q404	G-1
IC503	D-5	Q406	G-2
IC504	C-5	Q412	G-3
IC509	G-5	Q413	G-3
IC512	F-6	Q430	B-3
		Q431	D-3
		Q432	C-3
		Q434	B-4
		Q436	B-4
		Q505	F-5
		Q507	G-5
		Q518	D-4
		Q519	D-5
		Q527	F-5

TH-42PM50U
P-BOARD PARTS LOCATION

P-BOARD (COMPONENT SIDE)
TNPA3570

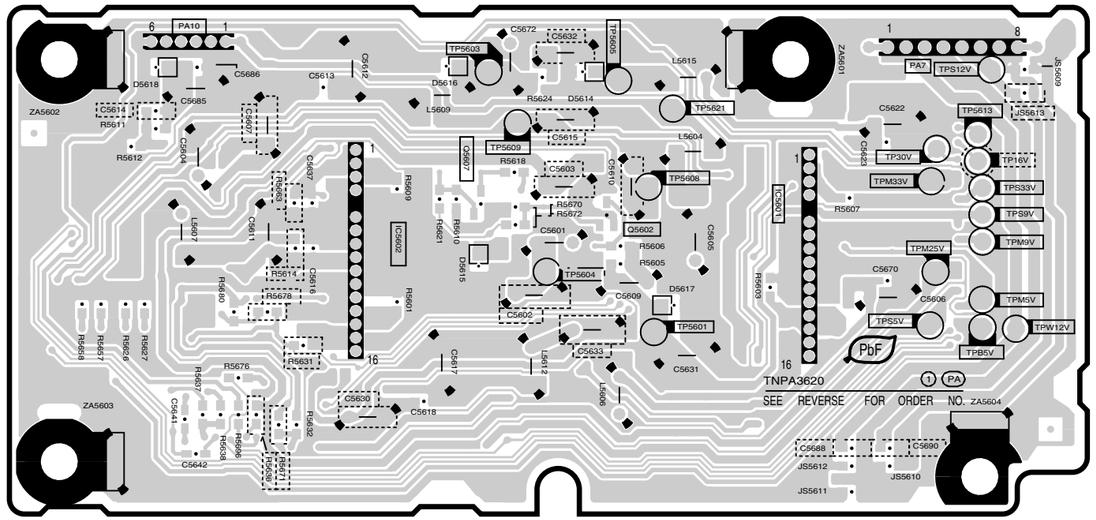


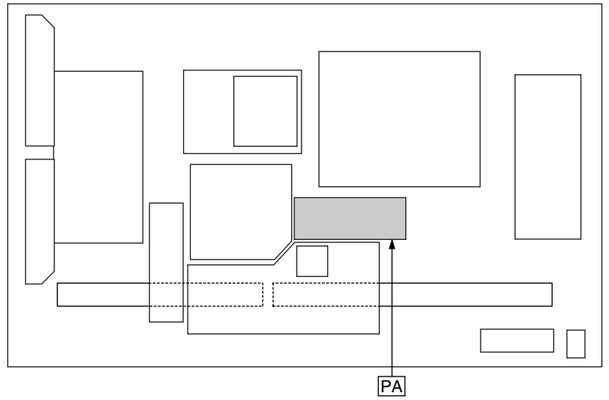
TH-42PM50U
P-BOARD TNPA3570

TH-42PM50U
P-BOARD TNPA3570

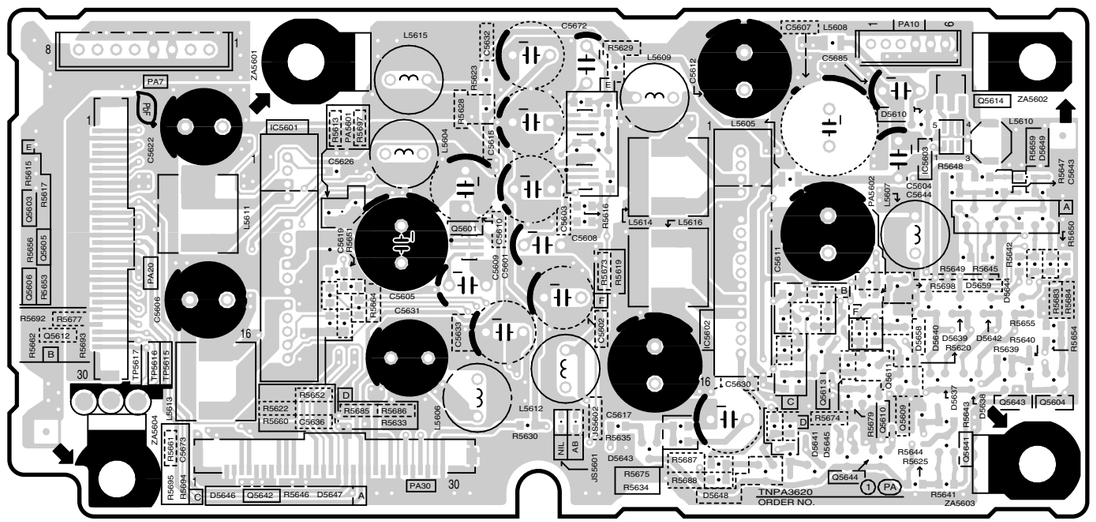
12.2. PA-Board

PA-BOARD(FOIL SIDE)
TNPA3620AD





PA-BOARD(COMPONENT SIDE)
TNPA3620AD



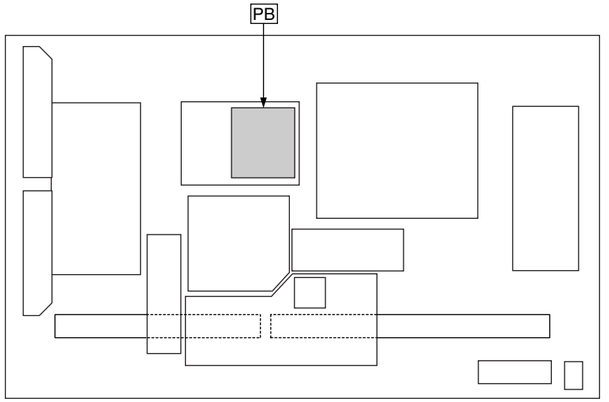
Parts Location

PA-BOARD			
IC		**TP**	
IC5601	B-2	TP5601	C-4
IC5602	D-2	TP5603	C-5
IC5603	E-2	TP5604	C-4
TRANSISTOR		TP5605	C-5
Q5601	C-2	TP5608	C-5
Q5602	D-5	TP5609	C-5
Q5603	A-2	TP5621	C-5
Q5604	E-1	TP16V	E-5
Q5605	A-2	TP30V	E-5
Q5606	A-2	TPB5V	E-4
Q5607	C-5	TPM25V	E-5
Q5609	E-1	TPM33V	E-5
Q5610	E-1	TPM5V	E-5
Q5612	A-2	TPM9V	E-5
Q5613	D-1	TPS12V	E-5
Q5614	E-3	TPS33V	E-5
Q5641	E-1	TPS5V	E-4
Q5642	B-1	TPS9V	E-5
Q5643	E-1	TPW12V	E-4
Q5644	D-1		

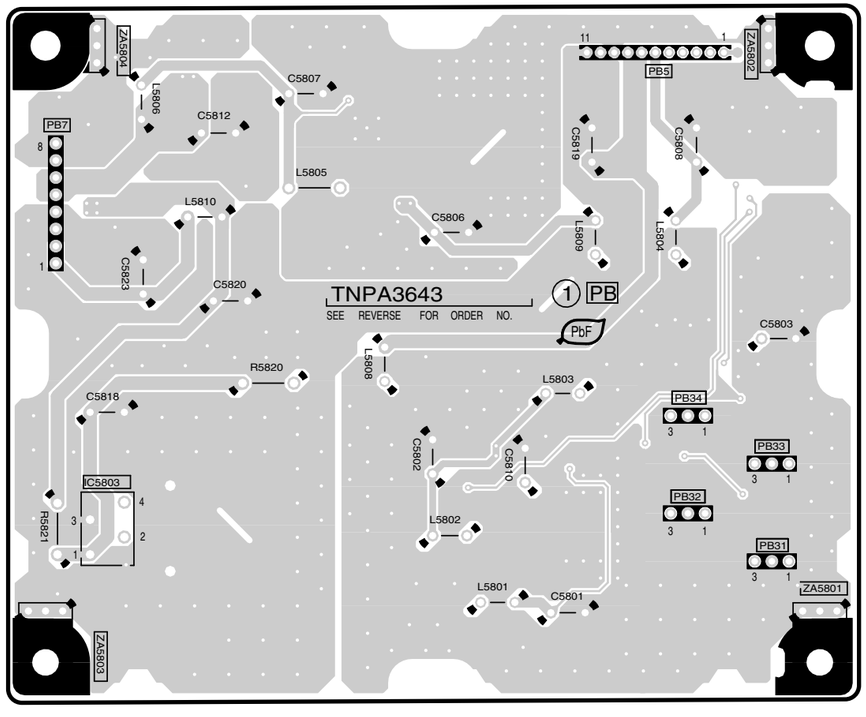
12.3. PB-Board

Parts Location

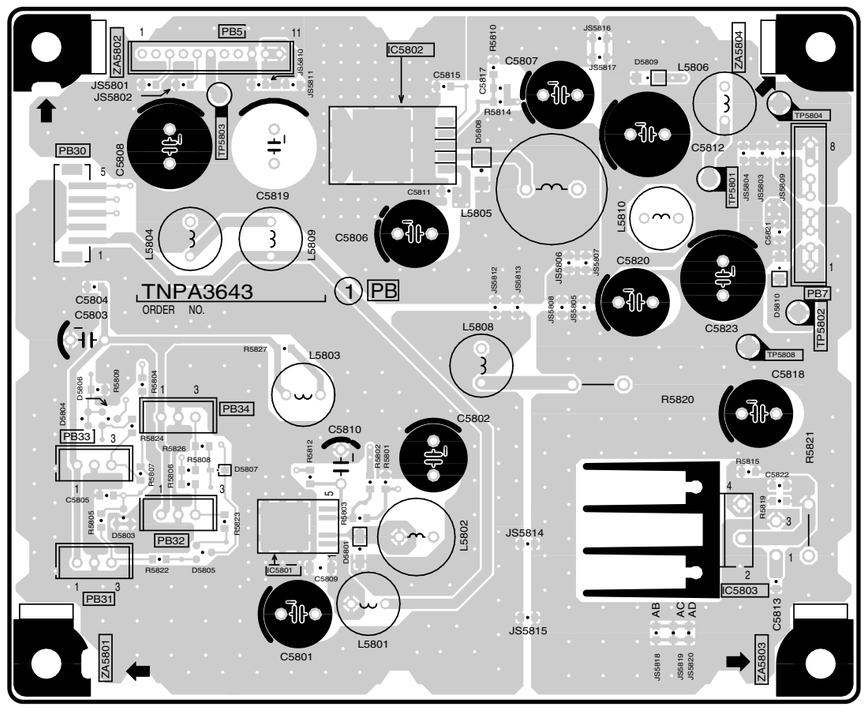
PB-BOARD			
IC		TP	
IC5801	F-1	TP5801	H-4
IC5802	G-4	TP5802	H-3
IC5803	H-1	TP5803	F-3
		TP5804	H-4
		TP5808	H-3



PB-BOARD(FOIL SIDE)
TNPA3643



PB-BOARD(COMPONENT SIDE)
TNPA3643



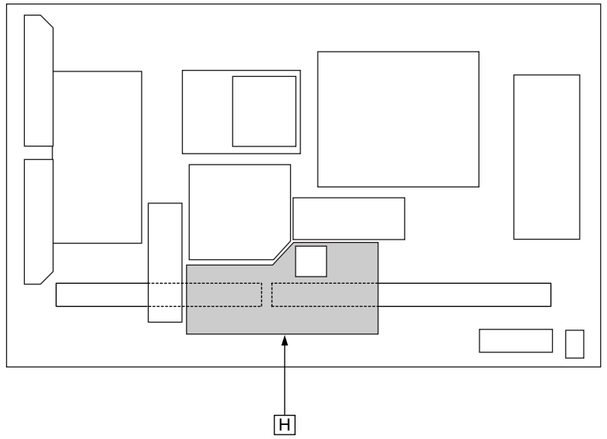
TH-42PM50U
PB-BOARD TNPA3643

TH-42PM50U
PB-BOARD TNPA3643

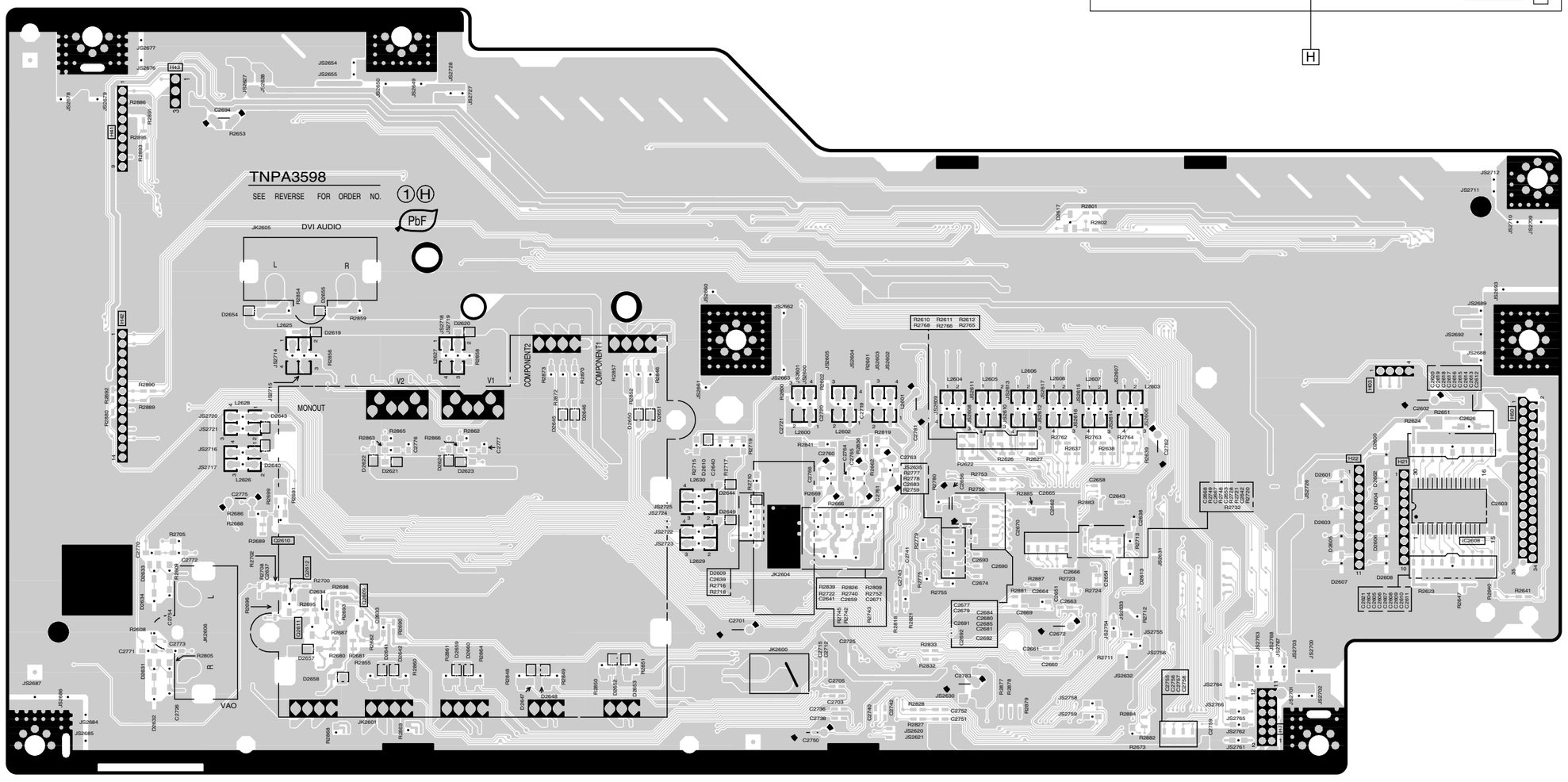
12.4. H-Board

Parts Location

H-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC2608	I-2	Q2609 Q2610 Q2611 Q2612	C-2 B-2 B-2 B-2



H-BOARD(FOIL SIDE)
TNPA3598AD

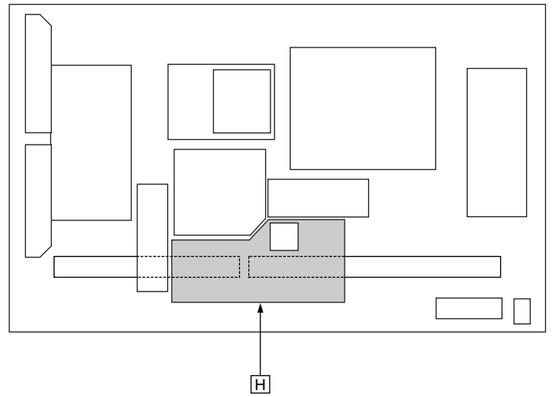


TH-42PM50U
H-BOARD TNPA3598AD

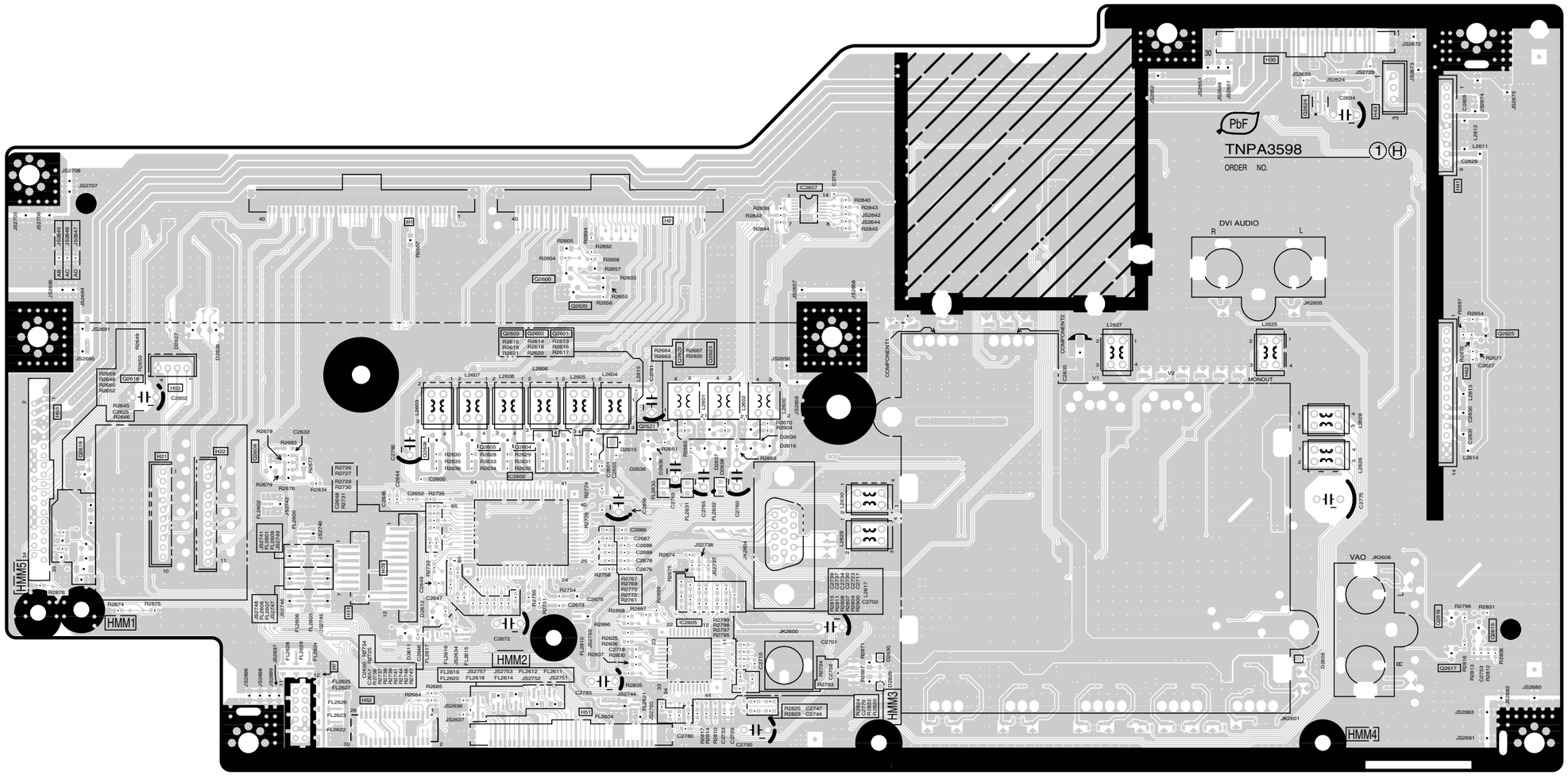
TH-42PM50U
H-BOARD TNPA3598AD

Parts Location

H-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q2616	H-2
IC2602	D-2	Q2600	D-3	Q2617	H-1
IC2605	D-2	Q2601	D-3	Q2618	B-3
IC2607	E-4	Q2602	D-3	Q2619	A-3
		Q2603	D-3	Q2620	D-3
		Q2604	D-3	Q2621	D-3
		Q2605	C-3	Q2622	D-3
		Q2606	C-3	Q2623	E-3
		Q2608	B-3	Q2624	H-4
		Q2615	I-2	Q2625	I-3



H-BOARD(COMPONENT SIDE)
TNPA3598AD



TH-42PM50U
H-BOARD TNPA3598AD

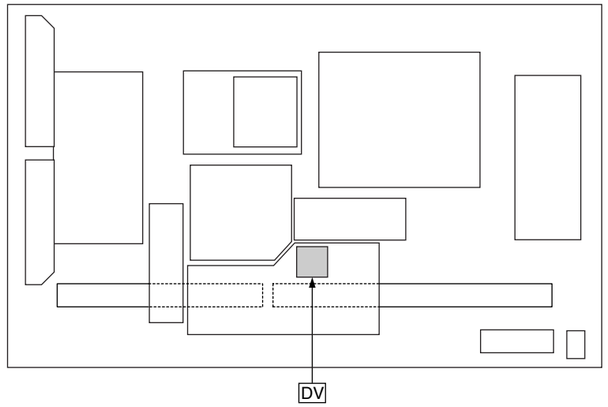
TH-42PM50U
H-BOARD TNPA3598AD

12.5. DV-Board

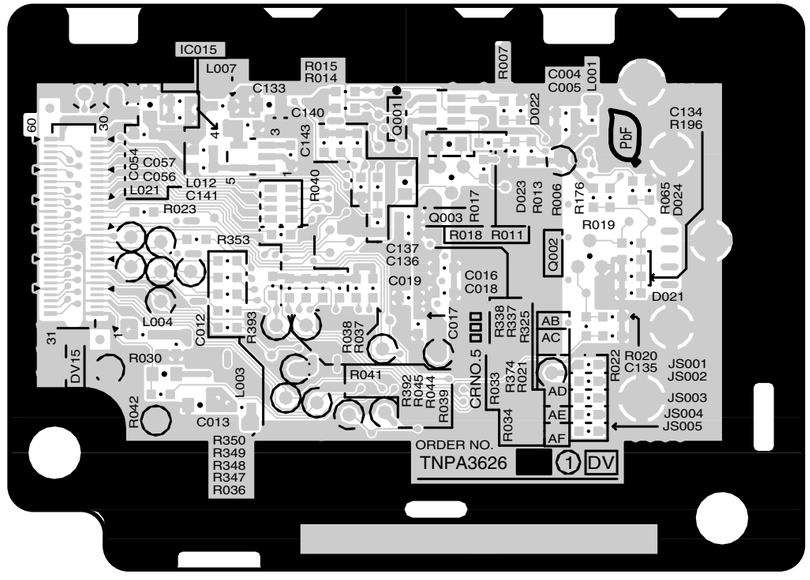
THIS IS FOR REFERENCE USE ONLY.
THIS MUST BE REPLACED WITH
AN EXCHANGE BOARD ONLY.

Parts Location

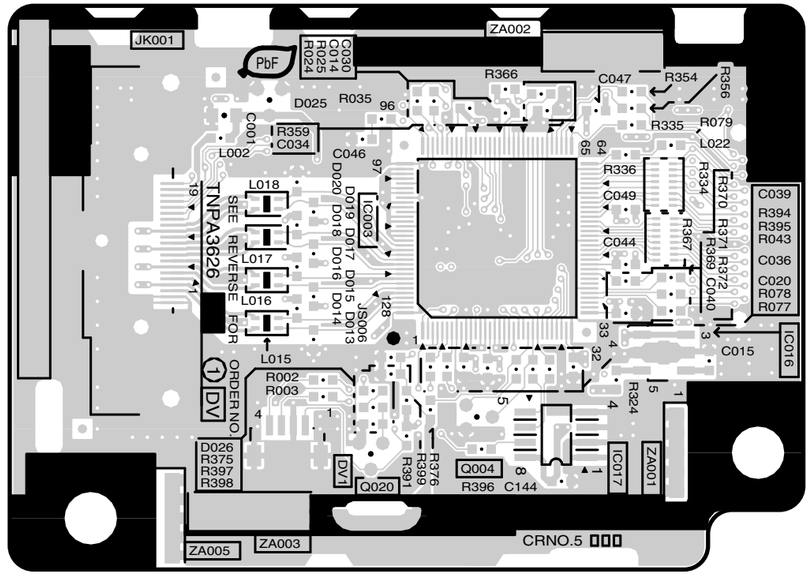
DV-BOARD			
IC		**TRANSISTOR**	
IC5003	F-2	Q5001	B-3
IC5015	B-3	Q5002	C-2
IC5016	H-2	Q5003	C-2
IC5017	G-1	Q5004	G-1
		Q5020	F-1



DV-BOARD(FOIL SIDE)
TNPA3626



DV-BOARD(COMPONENT SIDE)
TNPA3626

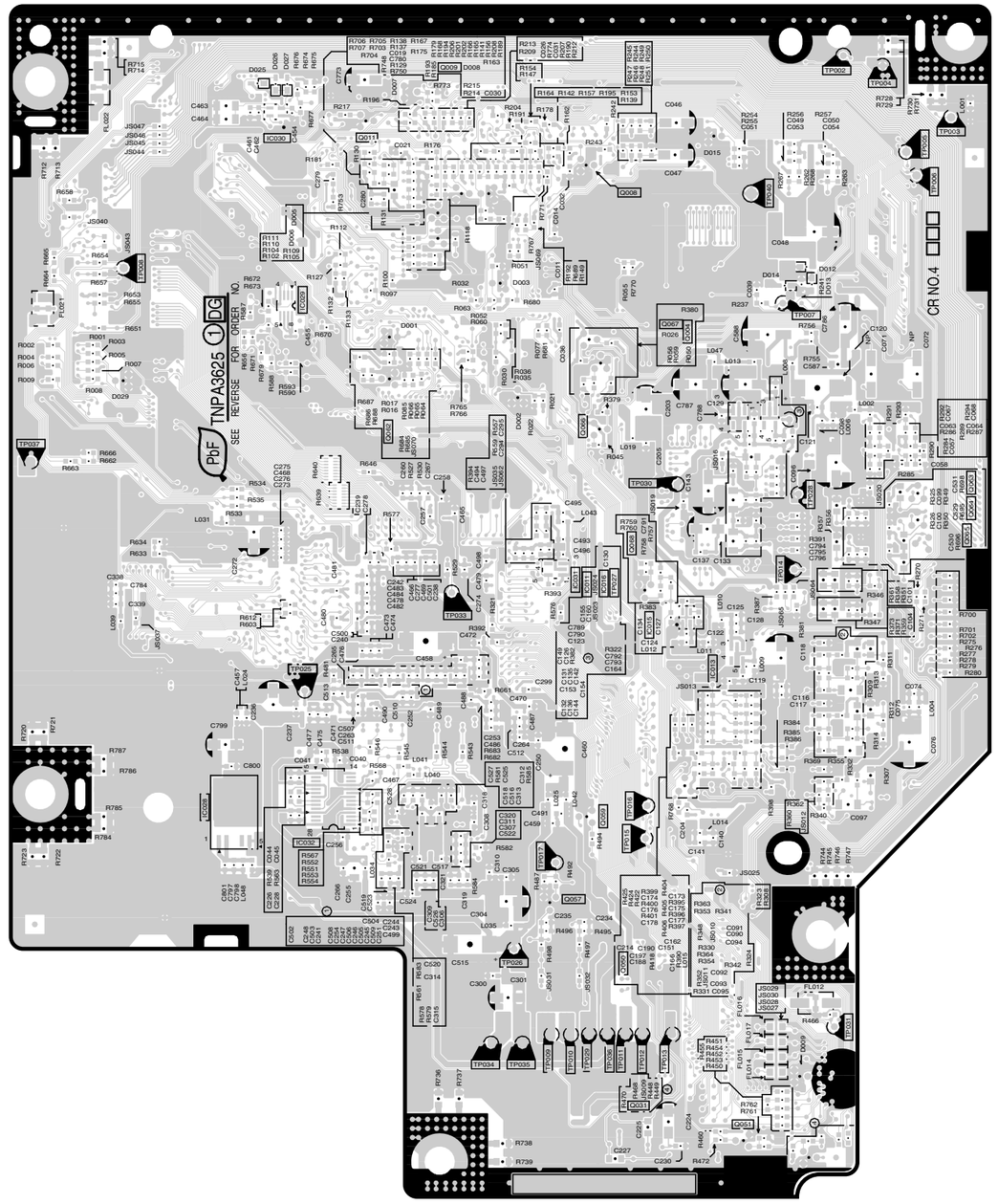


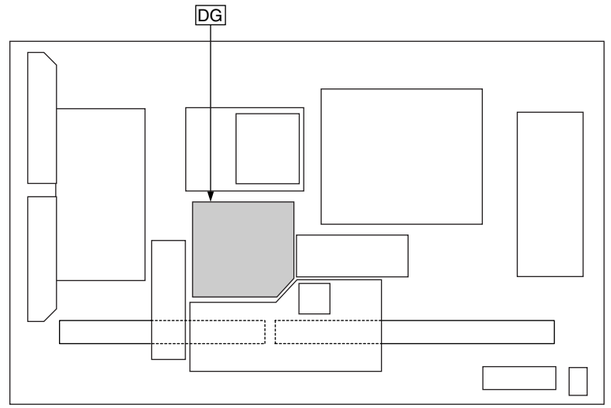
TH-42PM50U
DV-BOARD TNPA3626

TH-42PM50U
DV-BOARD TNPA3626

12.6. DG-Board

DG-BOARD(FOIL SIDE)
TNPA3625AK





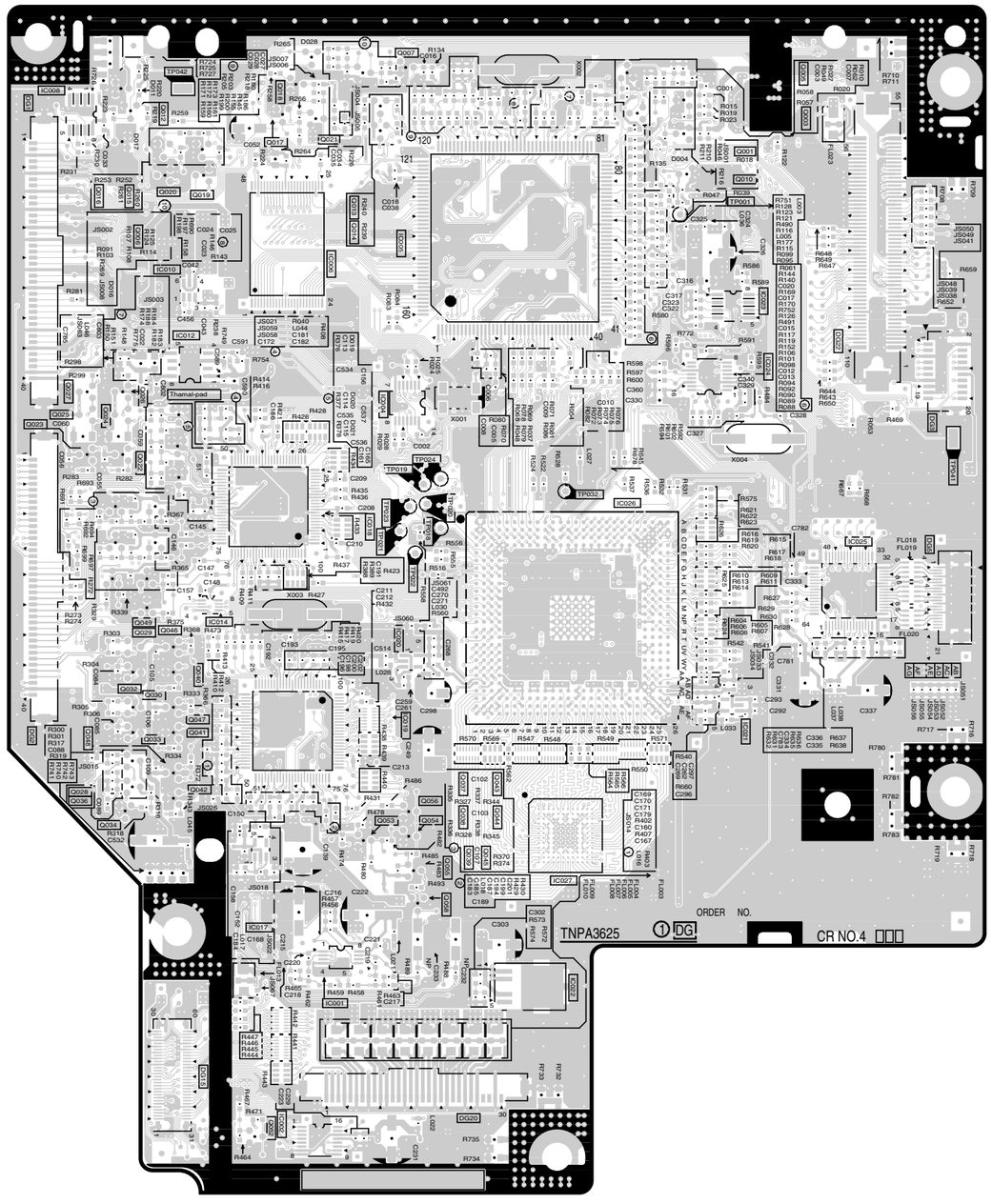
Parts Location

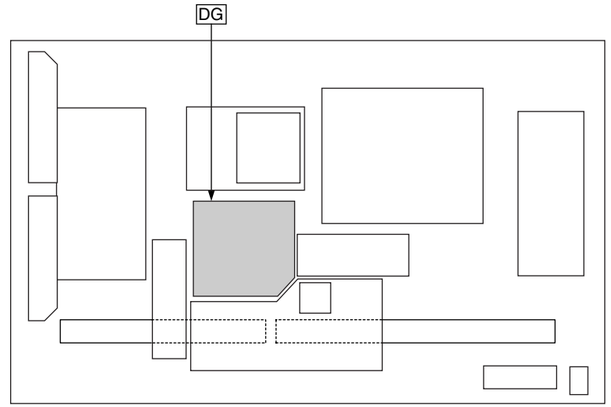
DG-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**		**TP**	
IC4011	C-4	Q4004	D-5	TP4002	E-6
IC4013	D-3	Q4008	D-5	TP4003	E-5
IC4015	D-3	Q4009	C-6	TP4004	E-6
IC4016	C-4	Q4011	B-6	TP4005	E-5
IC4028	B-3	Q4031	D-1	TP4006	E-5
IC4029	B-5	Q4050	D-2	TP4007	D-5
IC4030	B-6	Q4051	D-1	TP4008	A-5
IC4031	C-4	Q4057	C-2	TP4009	C-1
IC4032	B-2	Q4059	C-3	TP4010	C-1
		Q4062	C-4	TP4011	D-1
		Q4063	E-4	TP4012	D-1
		Q4064	E-4	TP4013	D-1
		Q4065	E-4	TP4014	D-4
		Q4066	C-4	TP4015	D-2
		Q4067	D-5	TP4016	D-2
		Q4068	D-4	TP4017	C-2
				TP4025	B-3
				TP4026	C-2
				TP4028	D-4
				TP4029	C-1
				TP4030	D-4
				TP4031	D-1
				TP4033	C-3
				TP4034	C-1
				TP4035	C-1
				TP4036	C-1
				TP4037	A-4
				TP4040	D-5

TH-42PM50U
DG-BOARD TNPA3625AK

TH-42PM50U
DG-BOARD TNPA3625AK

DG-BOARD(COMPONENT SIDE)
TNPA3625AK



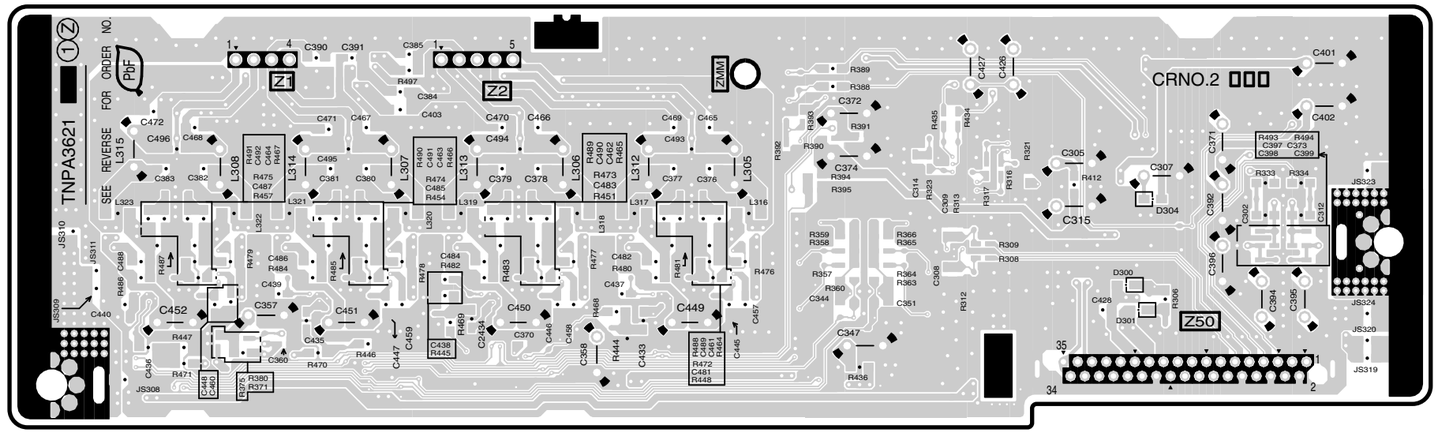


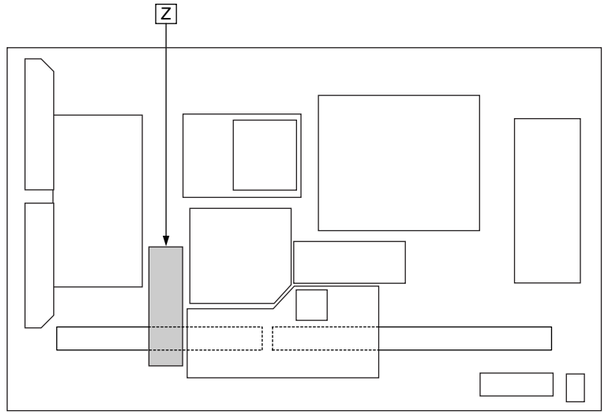
Parts Location

DG-BOARD (COMPONENT SIDE)							
IC		**TRANSISTOR**		Q4030	B-3	**TP**	
IC4001	B-2	Q4001	D-5	Q4032	A-3	TP4018	C-4
IC4002	B-1	Q4003	D-6	Q4033	B-3	TP4019	C-4
IC4004	C-4	Q4005	D-6	Q4034	A-2	TP4020	C-4
IC4005	C-5	Q4006	A-5	Q4036	A-3	TP4021	C-4
IC4006	B-5	Q4007	C-6	Q4037	C-3	TP4022	C-4
IC4008	A-6	Q4010	D-5	Q4038	C-3	TP4023	C-4
IC4010	B-5	Q4012	B-6	Q4039	C-3	TP4024	C-4
IC4012	B-5	Q4013	B-5	Q4040	B-3	TP4032	C-4
IC4014	B-3	Q4014	B-5	Q4041	B-3	TP4041	E-4
IC4017	B-2	Q4015	A-5	Q4042	B-3	TP4042	B-6
IC4018	B-4	Q4016	A-5	Q4043	C-3		
IC4019	C-3	Q4017	B-6	Q4044	C-3		
IC4020	C-3	Q4018	B-6	Q4045	C-2		
IC4021	D-3	Q4019	B-5	Q4046	B-3		
IC4022	C-2	Q4020	B-5	Q4047	B-3		
IC4023	D-5	Q4021	B-6	Q4048	A-3		
IC4024	D-5	Q4022	A-4	Q4049	A-3		
IC4025	E-4	Q4023	A-4	Q4052	B-1		
IC4026	D-4	Q4024	A-4	Q4053	C-3		
IC4027	C-2	Q4025	A-4	Q4054	C-3		
		Q4026	A-4	Q4055	C-2		
		Q4027	A-4	Q4056	C-3		
		Q4028	A-3	Q4058	C-2		
		Q4029	A-3				

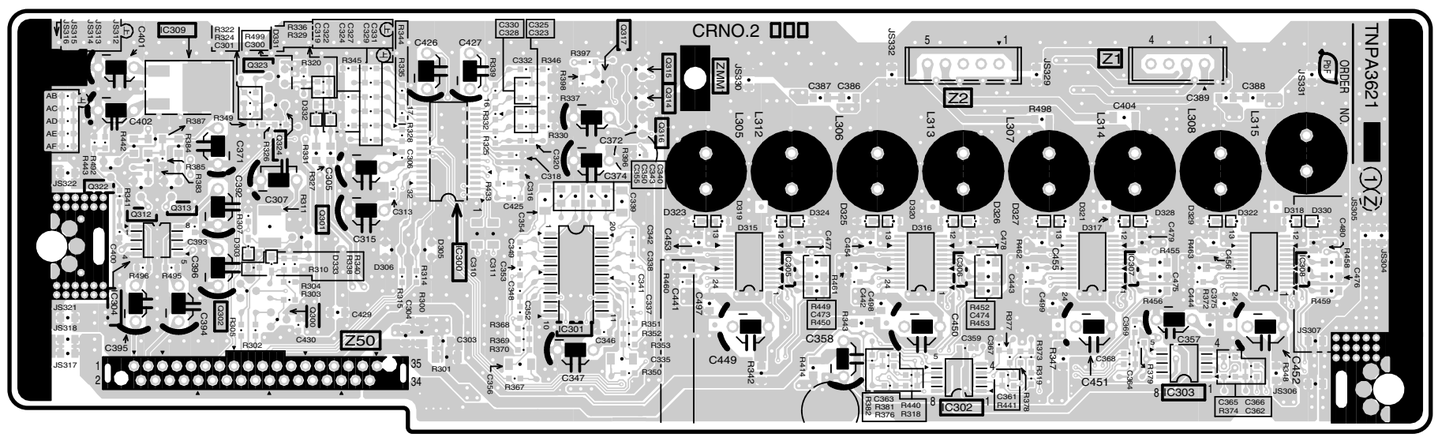
12.7. Z-Board

Z-BOARD (FOIL SIDE)
TNPA3621AB





Z-BOARD (COMPONENT SIDE)
TNPA3621AB



Parts Location

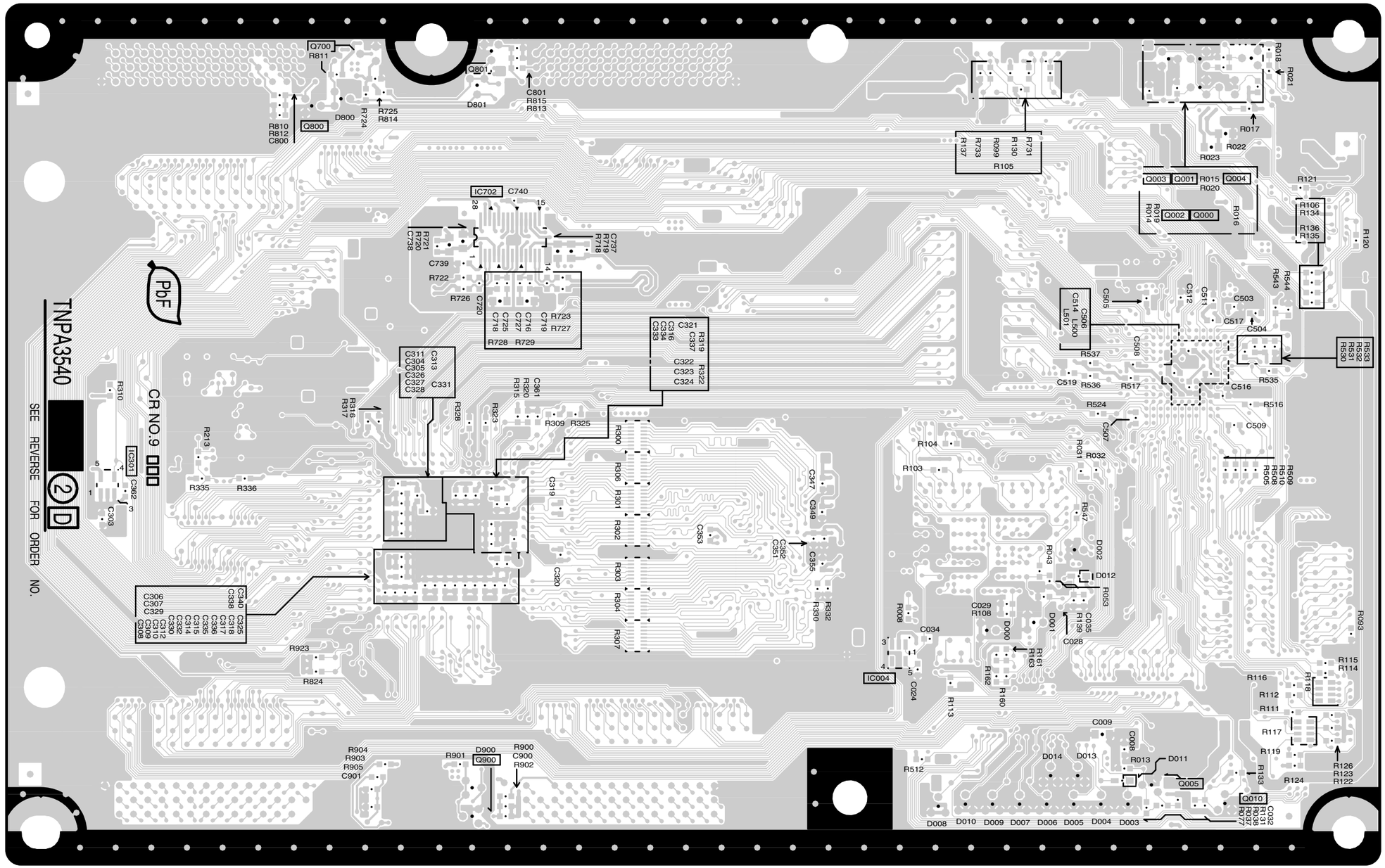
Z-BOARD			
IC		**TRANSISTOR**	
IC2300	C-2	Q2300	B-2
IC2301	C-2	Q2301	B-2
IC2302	E-2	Q2302	B-2
IC2303	F-2	Q2312	A-2
IC2304	A-2	Q2313	B-2
IC2305	D-2	Q2314	D-3
IC2306	E-2	Q2315	D-3
IC2307	E-2	Q2316	D-3
IC2308	F-2	Q2317	C-3
IC2309	A-3	Q2322	A-2
		Q2323	B-3
		Q2324	B-3

TH-42PM50U
Z-BOARD TNPA3621AB

TH-42PM50U
Z-BOARD TNPA3621AB

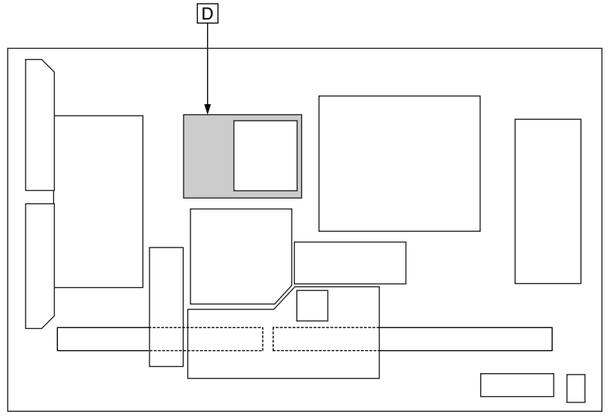
12.8. D-Board

D-BOARD(FOIL SIDE)
TZTNP010YFS



TH-42PM50U
D-BOARD TZTNP010YFS

TH-42PM50U
D-BOARD TZTNP010YFS



Parts Location

D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9004	F-2	Q9000	H-5
IC9301	B-3	Q9001	H-5
IC9702	D-5	Q9002	H-5
		Q9003	H-5
		Q9004	H-5
		Q9005	H-1
		Q9010	H-1
		Q9700	C-6
		Q9800	C-5
		Q9801	D-6
		Q9900	D-1

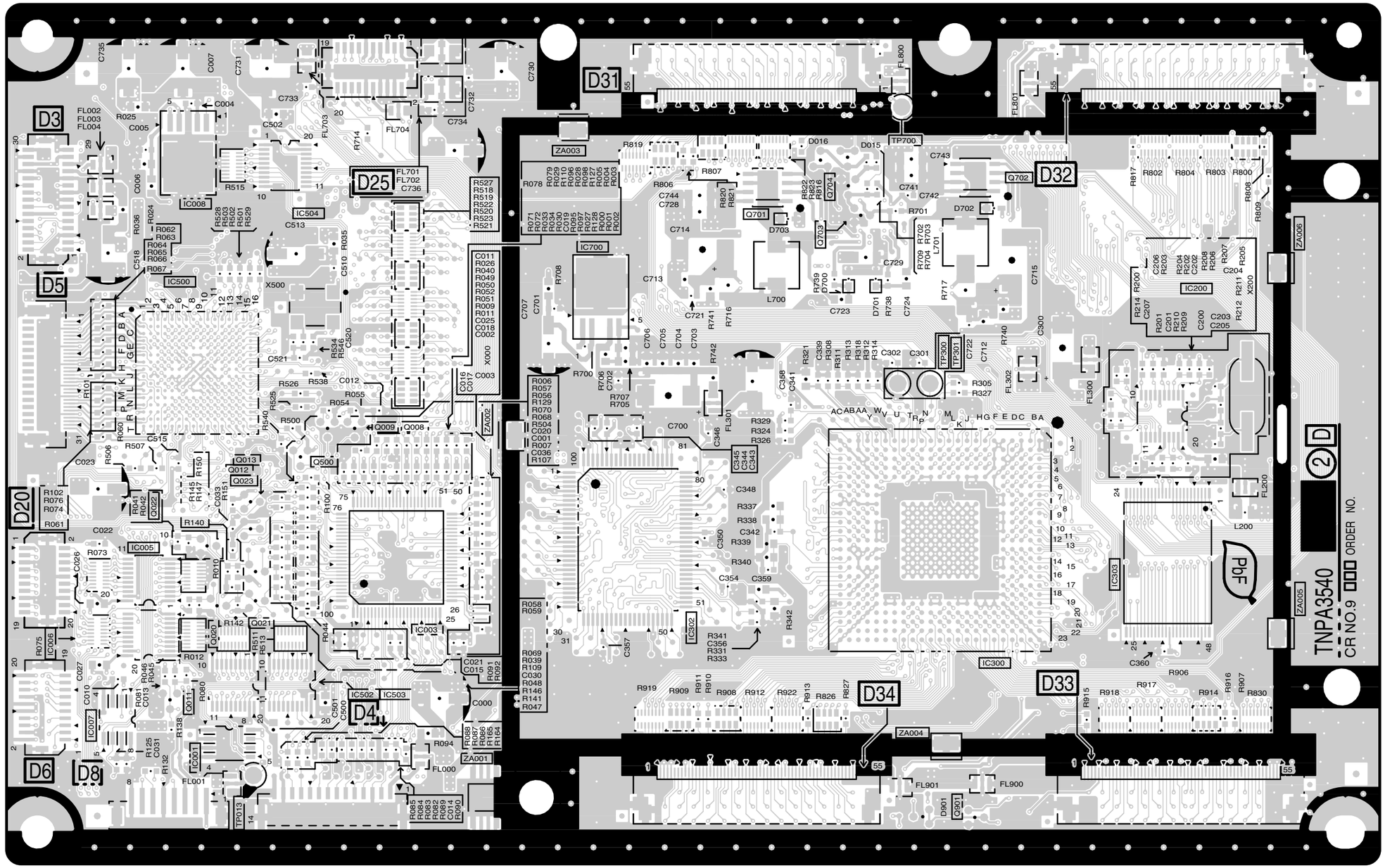
TH-42PM50U
D-BOARD PARTS LOCATION

Parts Location

D-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC9001	B-1	Q9008	C-3	TP9013	B-1
IC9003	C-2	Q9009	C-3	TP9300	F-4
IC9005	B-3	Q9011	B-2	TP9301	F-4
IC9006	A-2	Q9012	B-3		
IC9007	A-2	Q9013	B-3		
IC9008	B-5	Q9020	B-2		
IC9200	H-4	Q9021	B-2		
IC9300	G-2	Q9022	B-3		
IC9302	E-2	Q9023	B-3		
IC9303	G-2	Q9500	C-3		
IC9500	B-4	Q9701	E-5		
IC9502	C-2	Q9702	G-5		
IC9503	C-2	Q9703	F-5		
IC9504	C-5	Q9704	F-5		
IC9700	D-5	Q9901	G-1		

TH-42PM50U
D-BOARD PARTS LOCATION

D-BOARD(COMPONENT SIDE)
TZTNP010YFS



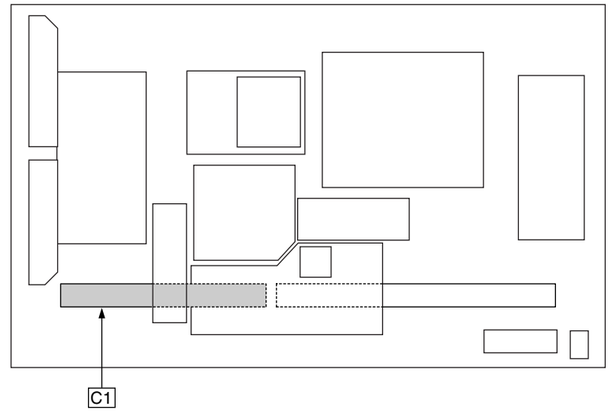
TH-42PM50U
D-BOARD TZTNP010YFS

TH-42PM50U
D-BOARD TZTNP010YFS

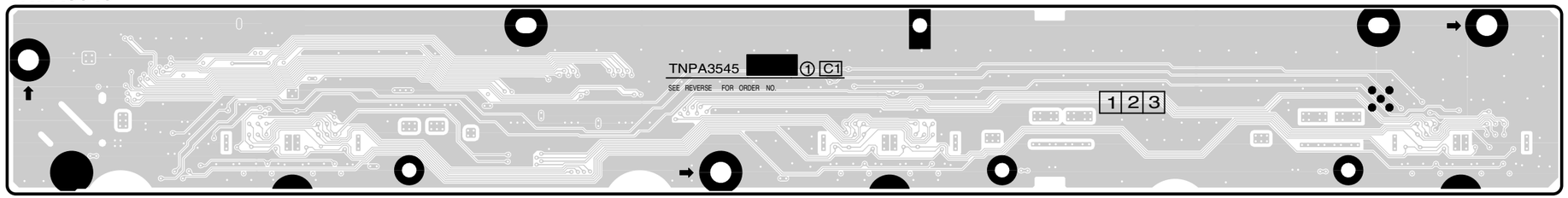
12.9. C1-Board

Parts Location

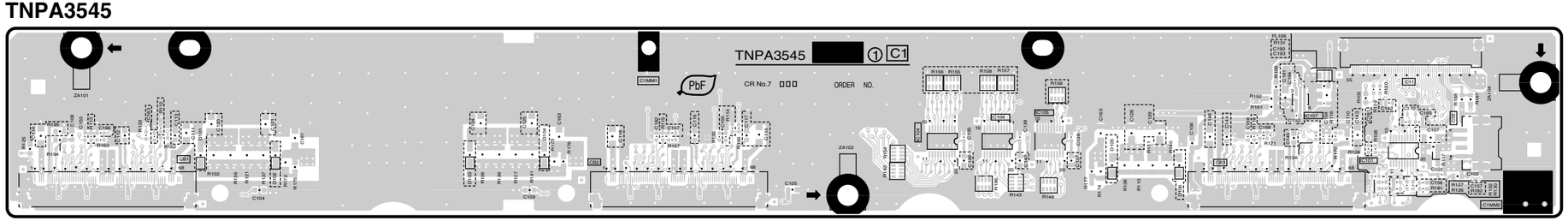
C1-BOARD	
IC	
IC7101	H-1
IC7104	E-2
IC7105	F-2
IC7106	F-2
IC7107	G-2



C1-BOARD(FOIL SIDE)
TNPA3545



C1-BOARD(COMPONENT SIDE)
TNPA3545

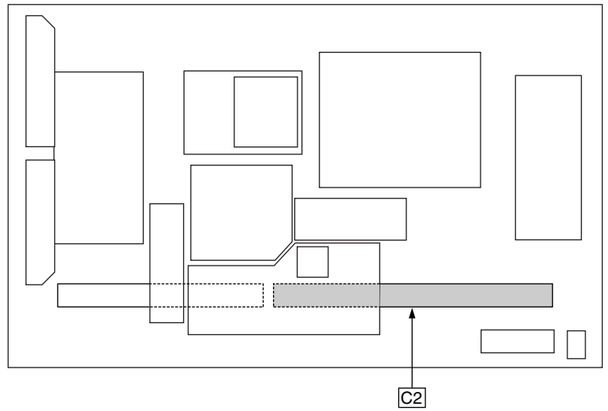


TH-42PM50U
C1-BOARD TNPA3545

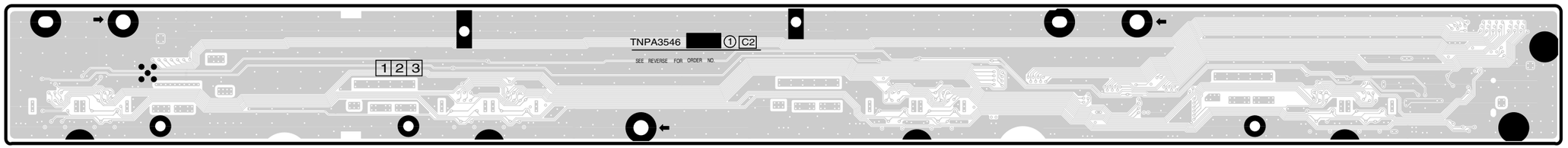
12.10. C2-Board

Parts Location

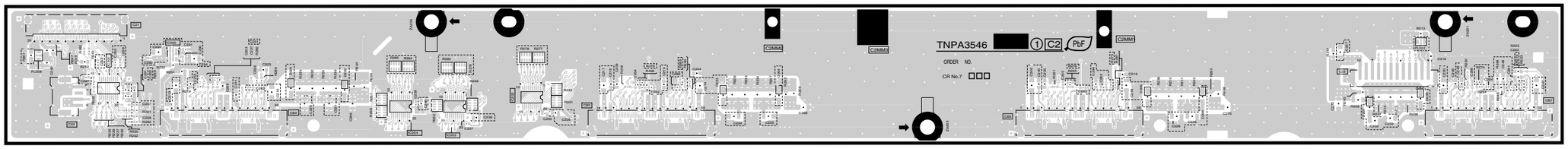
C2-BOARD	
IC	
IC7201	A-2
IC7202	D-2
IC7203	C-2
IC7204	C-2
IC7205	B-2



C2-BOARD(FOIL SIDE)
TNPA3546



C2-BOARD(COMPONENT SIDE)
TNPA3546

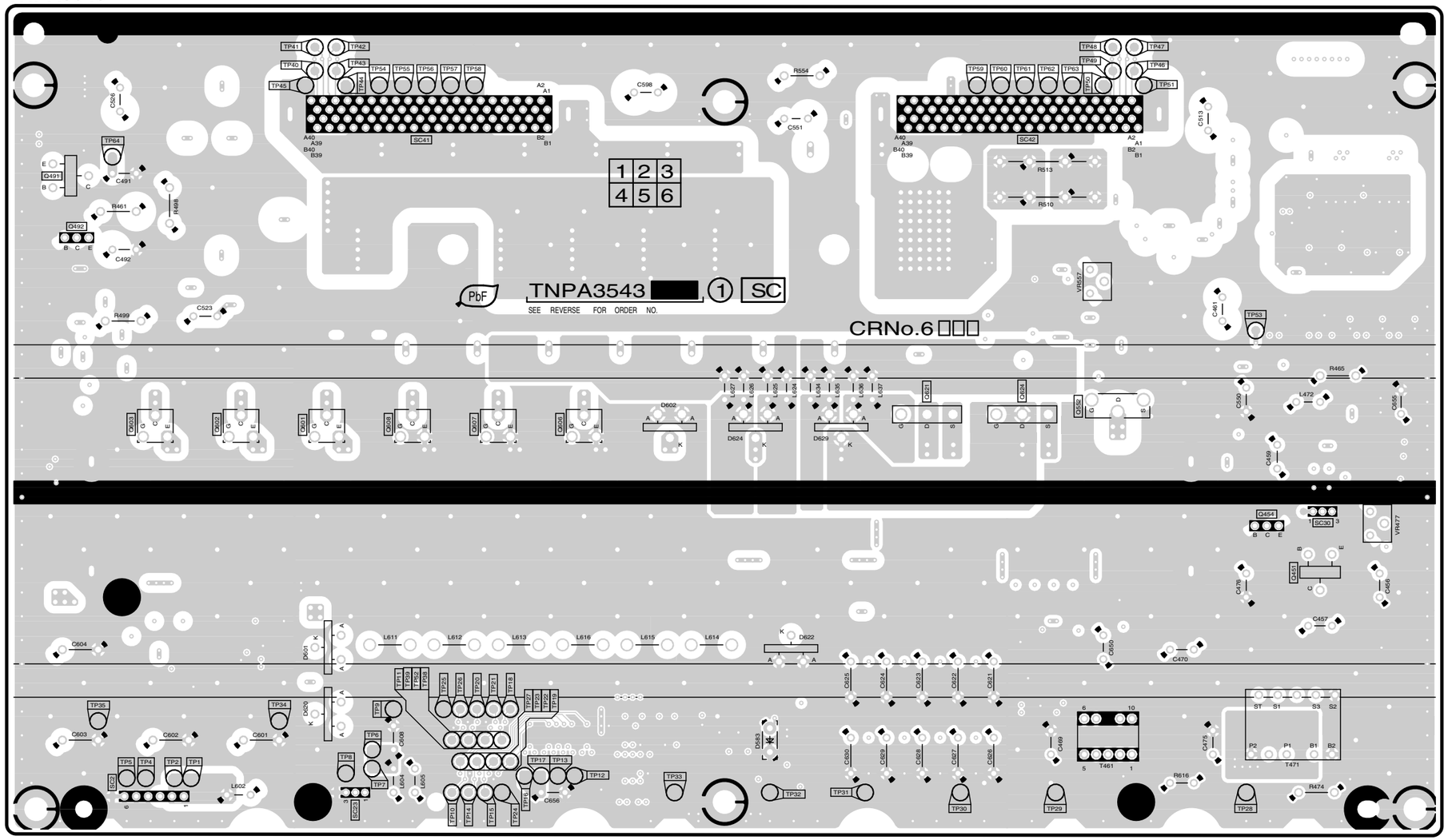


TH-42PM50U
C2-BOARD TNPA3546

TH-42PM50U
C2-BOARD TNPA3546

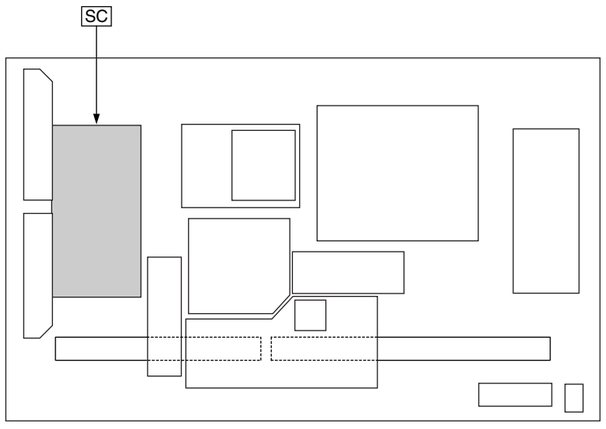
12.11. SC-Board

SC-BOARD(FOIL SIDE)
TNPA3543



TH-42PM50U
SC-BOARD TNPA3543

TH-42PM50U
SC-BOARD TNPA3543



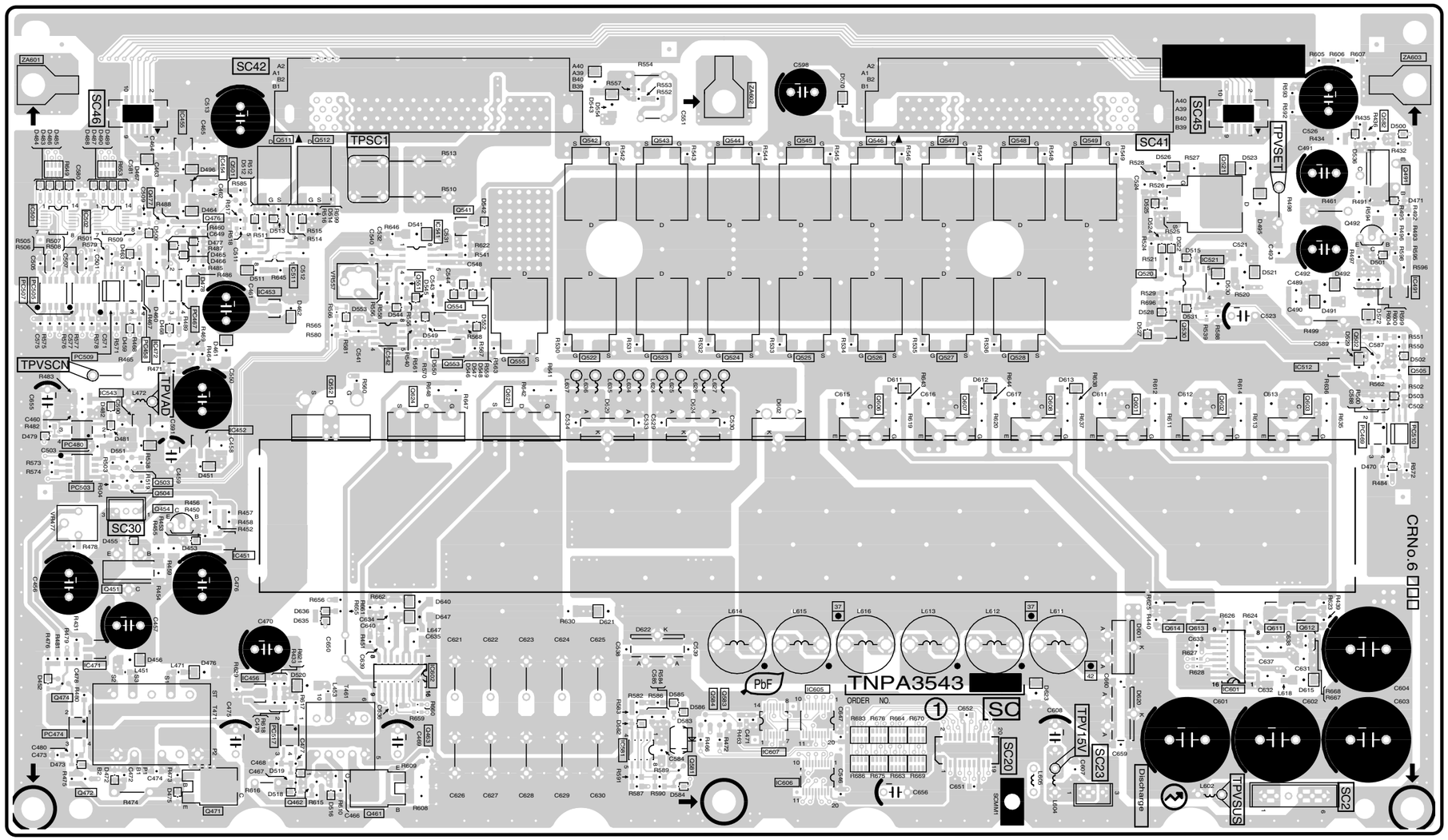
Parts Location

SC-BOARD (FOIL SIDE)					
TRANSISTOR		**TP**		TP6032	E-1
Q6451	H-2	TP6001	B-1	TP6033	D-1
Q6454	H-3	TP6002	B-1	TP6034	B-1
Q6491	A-4	TP6004	B-1	TP6035	B-1
Q6492	A-4	TP6005	B-1	TP6038	C-1
Q6552	G-3	TP6006	C-1	TP6039	C-1
Q6601	C-3	TP6007	C-1	TP6040	C-5
Q6602	B-3	TP6008	C-1	TP6041	C-5
Q6603	B-3	TP6009	C-1	TP6042	C-5
Q6606	D-3	TP6010	C-1	TP6043	C-5
Q6607	C-3	TP6011	C-1	TP6044	C-5
Q6608	C-3	TP6012	D-1	TP6045	C-5
Q6621	F-3	TP6013	D-1	TP6046	G-5
Q6624	F-3	TP6014	C-1	TP6047	G-5
		TP6015	C-1	TP6048	G-5
		TP6016	D-1	TP6049	G-5
		TP6017	D-1	TP6050	G-5
		TP6018	C-1	TP6051	G-5
		TP6019	C-1	TP6052	C-1
		TP6020	C-1	TP6053	G-3
		TP6021	C-1	TP6054	C-5
		TP6022	C-1	TP6055	C-5
		TP6023	C-1	TP6056	C-5
		TP6024	C-1	TP6057	C-5
		TP6025	C-1	TP6058	C-5
		TP6026	C-1	TP6059	F-5
		TP6027	C-1	TP6060	F-5
		TP6028	G-1	TP6061	F-5
		TP6029	F-1	TP6062	F-5
		TP6030	F-1	TP6063	F-5
		TP6031	E-1	TP6064	B-4

Parts Location

SC-BOARD (COMPONENT SIDE)							
IC		**TRANSISTOR**		Q6541	C-4	**TP**	
IC6451	B-2	Q6451	A-2	Q6542	D-4	TPSC1	C-5
IC6452	B-3	Q6454	B-3	Q6543	D-4	TPV15V	F-1
IC6453	B-4	Q6461	C-1	Q6544	E-4	TPVAD	B-3
IC6454	B-4	Q6462	B-1	Q6545	E-4	TPVSCN	A-3
IC6455	B-5	Q6463	C-1	Q6546	E-4	TPVSET	G-5
IC6456	B-2	Q6471	B-1	Q6547	F-4	TPVSUS	G-1
IC6471	A-2	Q6472	A-1	Q6548	F-4		
IC6472	B-3	Q6474	A-2	Q6549	G-4		
IC6491	H-4	Q6476	B-4	Q6551	C-4		
IC6501	A-4	Q6477	B-4	Q6552	C-3		
IC6502	A-4	Q6491	H-4	Q6553	C-3		
IC6511	B-4	Q6492	H-4	Q6554	C-4		
IC6512	H-3	Q6501	B-4	Q6555	D-3		
IC6521	G-4	Q6502	H-3	Q6581	D-1		
IC6541	C-4	Q6503	B-3	Q6582	H-5		
IC6542	C-3	Q6504	B-3	Q6583	E-2		
IC6543	A-3	Q6505	H-3	Q6584	E-2		
IC6581	D-1	Q6511	B-4	Q6601	G-3		
IC6601	G-2	Q6512	B-4	Q6602	G-3		
IC6602	C-2	Q6520	G-4	Q6603	H-3		
IC6605	E-2	Q6521	G-4	Q6606	E-3		
IC6606	E-1	Q6522	D-3	Q6607	F-3		
IC6607	E-1	Q6523	D-3	Q6608	F-3		
		Q6524	E-3	Q6611	H-2		
		Q6525	E-3	Q6612	H-2		
		Q6526	E-3	Q6613	G-2		
		Q6527	F-3	Q6614	G-2		
		Q6528	F-3	Q6621	D-3		
		Q6530	G-4	Q6624	C-3		

SC-BOARD(COMPONENT SIDE)
TNPA3543



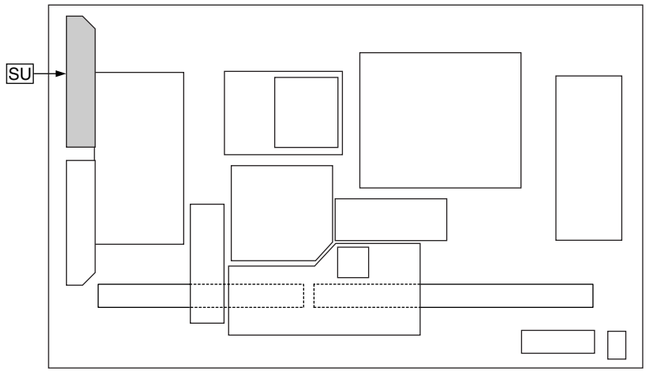
TH-42PM50U
SC-BOARD TNPA3543

TH-42PM50U
SC-BOARD TNPA3543

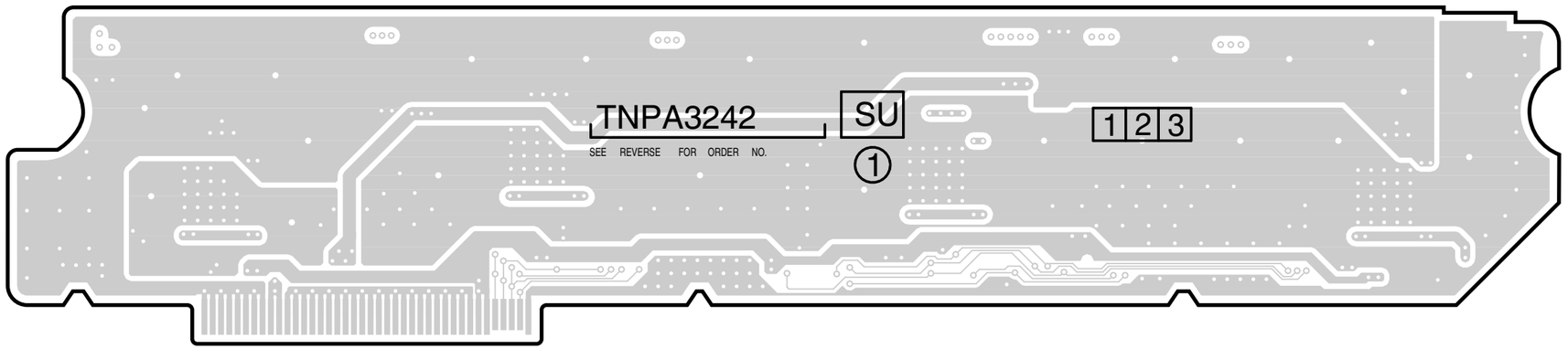
12.12. SU-Board

Parts Location

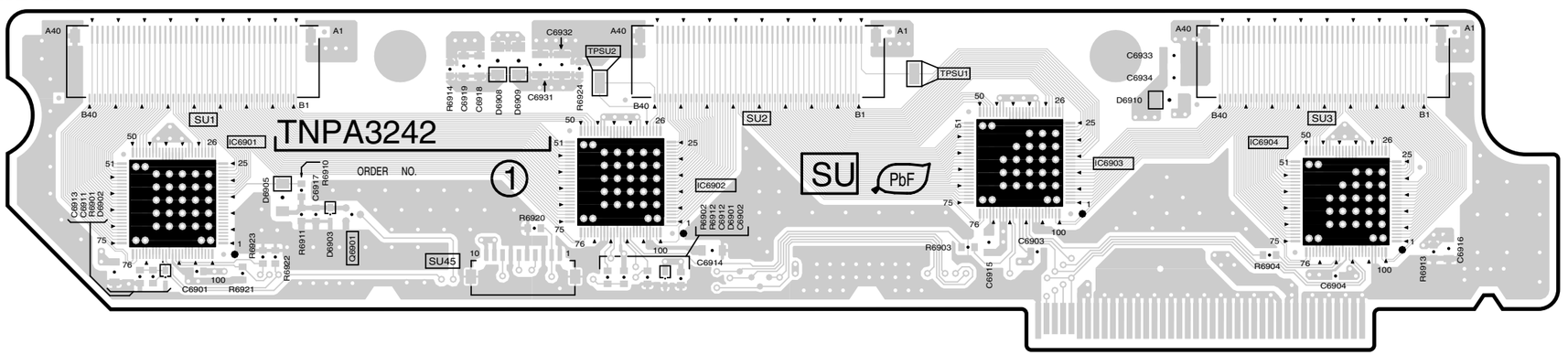
SU-BOARD			
IC		**TRANSISTOR**	
IC6901 IC6902 IC6903 IC6904	B-2 D-2 F-2 G-2	Q6901	C-1
		TP	
		TPSU1 TPSU2	D-2 E-2



SU-BOARD (FOIL SIDE)
TNPA3242AB



SU-BOARD (COMPONENT SIDE)
TNPA3242AB



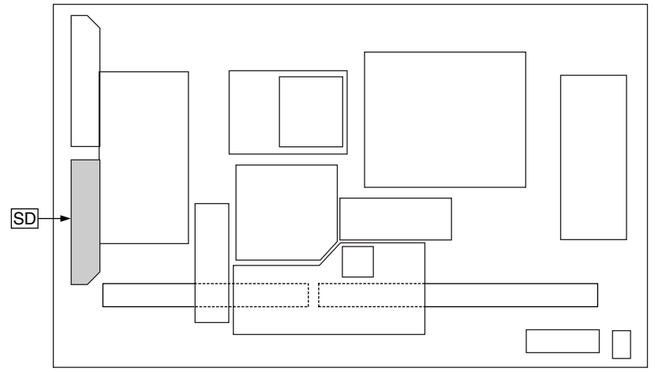
TH-42PM50U
SU-BOARD TNPA3242AB

TH-42PM50U
SU-BOARD TNPA3242AB

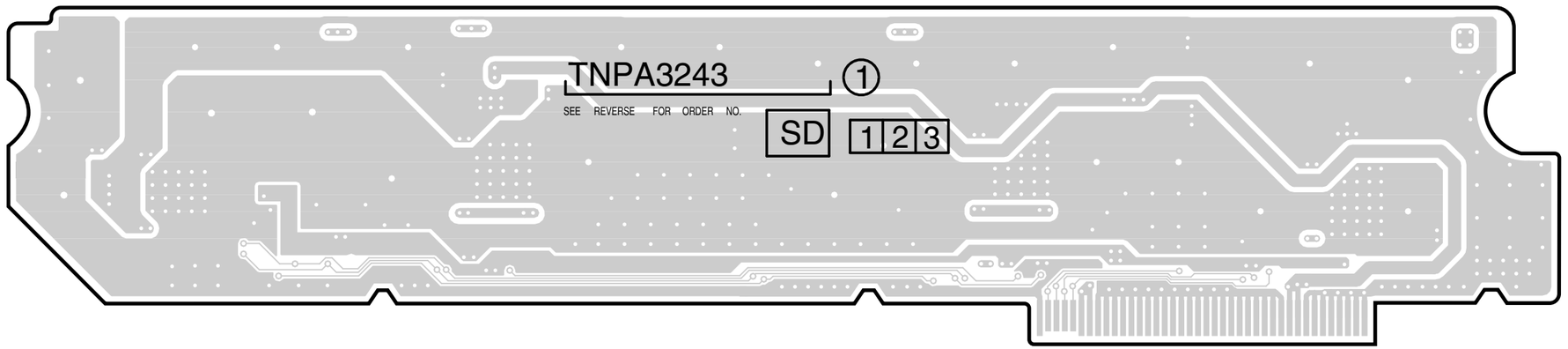
12.13. SD-Board

Parts Location

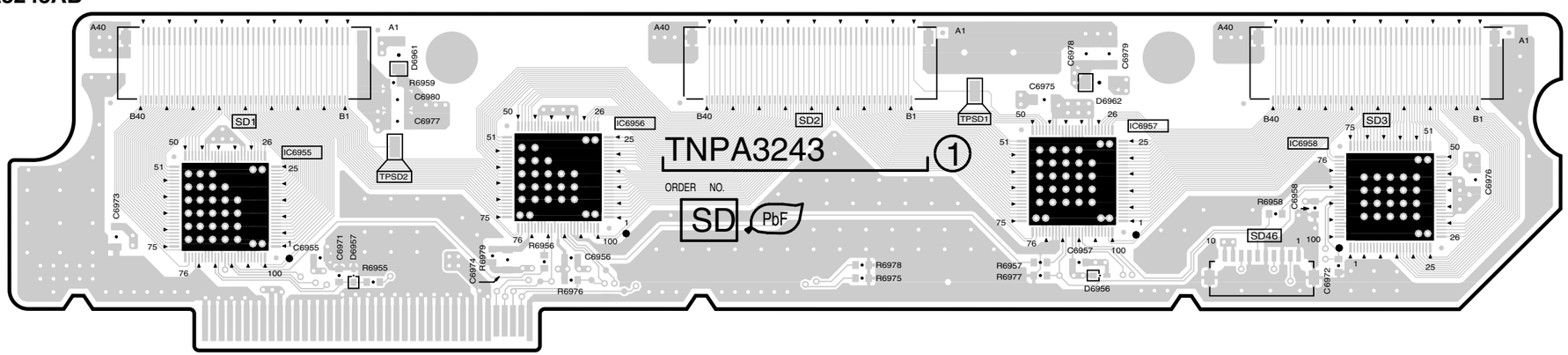
SD-BOARD			
IC		**TRANSISTOR**	
IC6955	B-2	TPSD1	F-2
IC6956	D-2	TPSD2	C-2
IC6957	F-2		
IC6958	G-2		



SD-BOARD (FOIL SIDE)
TNPA3243AB



SD-BOARD (COMPONENT SIDE)
TNPA3243AB



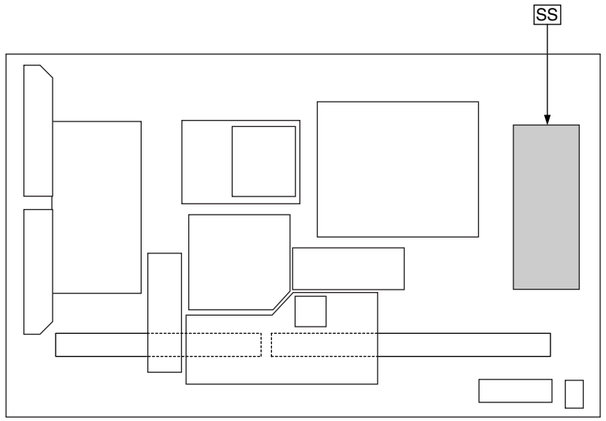
TH-42PM50U
SD-BOARD TNPA3243AB

TH-42PM50U
SD-BOARD TNPA3243AB

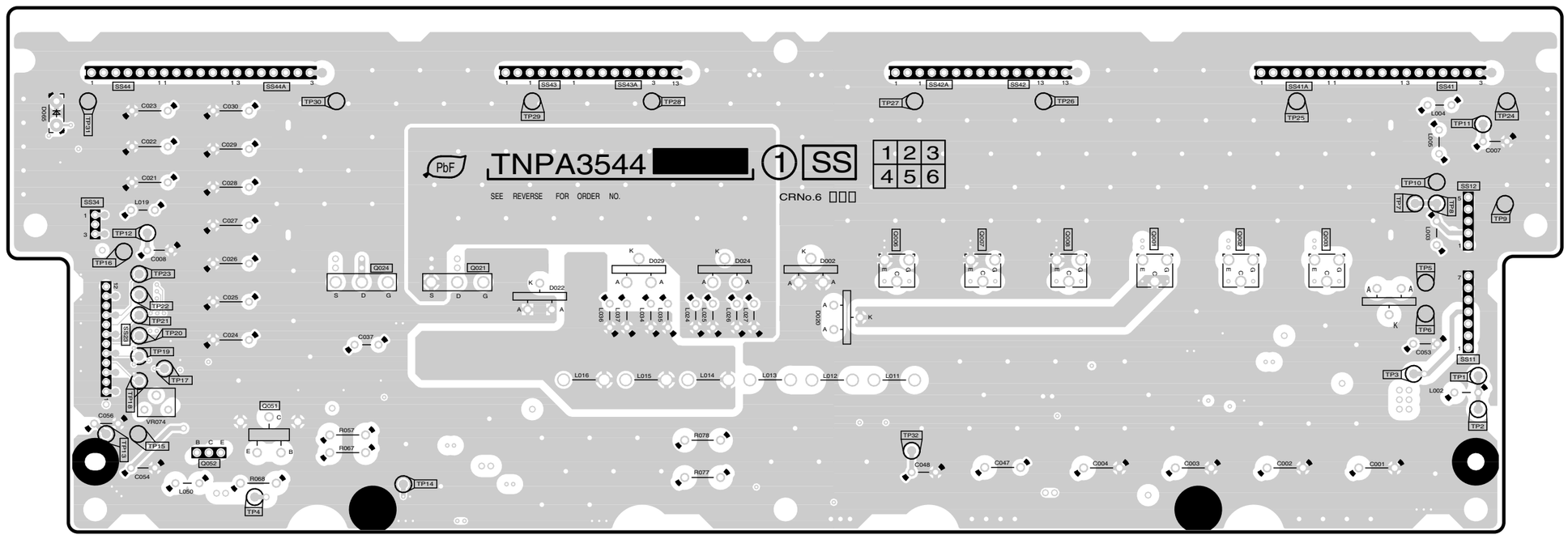
12.14. SS-Board

Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR		**TP**			
Q6001	G-2	TP6001	H-1	TP6016	B-2
Q6002	G-2	TP6002	H-1	TP6017	B-2
Q6003	H-2	TP6003	H-1	TP6018	B-2
Q6006	E-2	TP6004	B-1	TP6019	B-2
Q6007	F-2	TP6005	H-2	TP6020	B-2
Q6008	F-2	TP6006	H-2	TP6021	B-2
Q6021	C-2	TP6007	H-2	TP6022	B-2
Q6024	C-2	TP6008	H-2	TP6023	B-2
Q6051	B-1	TP6009	H-2	TP6024	I-3
Q6052	B-1	TP6010	H-2	TP6025	G-3
		TP6011	H-3	TP6026	F-3
		TP6012	B-2	TP6027	F-3
		TP6013	A-1	TP6028	D-3
		TP6014	C-1	TP6029	D-3
		TP6015	A-1	TP6030	C-3
				TP6031	A-3
				TP6032	E-1



SS-BOARD(FOIL SIDE)
TNPA3544

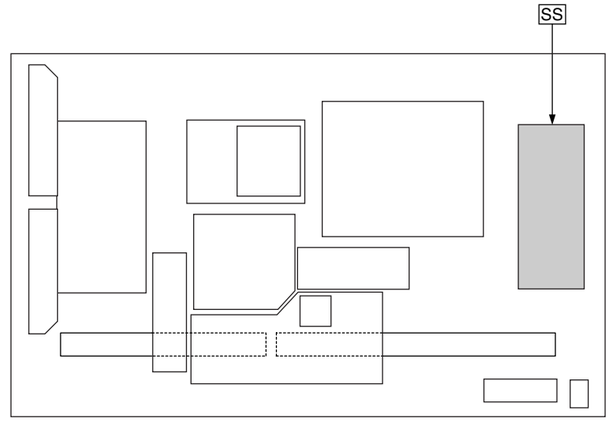


TH-42PM50U
SS-BOARD TNPA3544

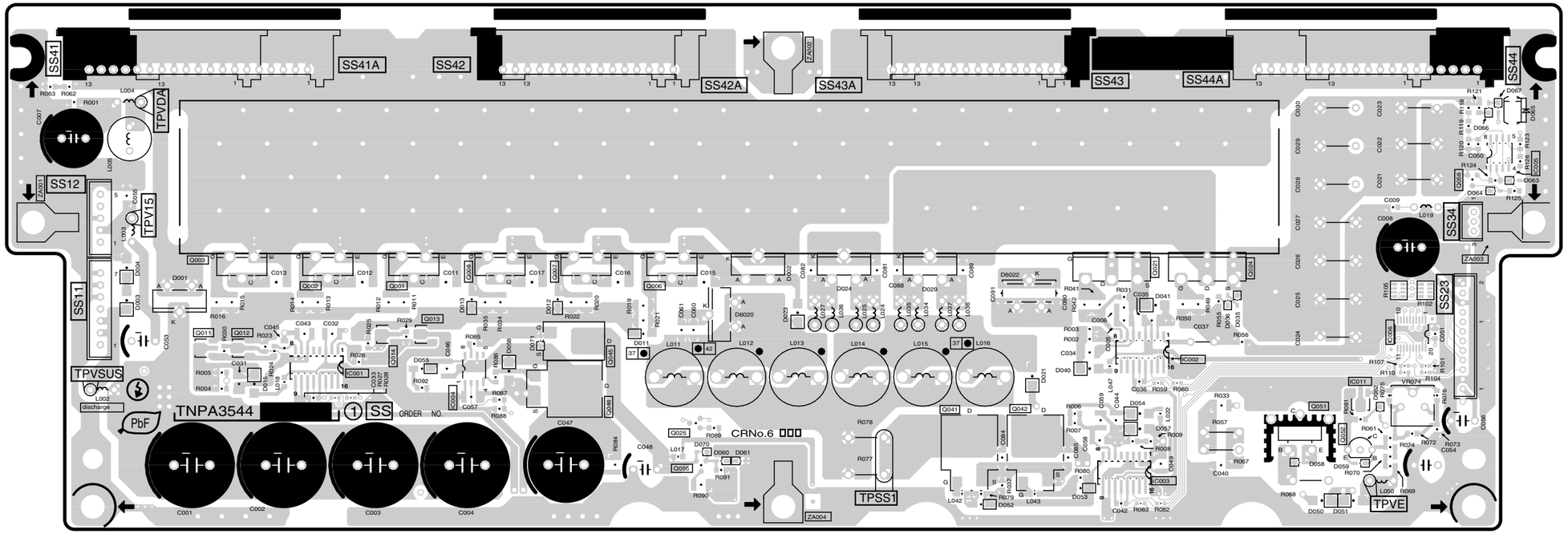
TH-42PM50U
SS-BOARD TNPA3544

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q6045	D-2
IC6001	C-2	Q6001	C-2	Q6046	D-2
IC6002	G-2	Q6002	B-2	Q6051	H-1
IC6003	G-1	Q6003	B-2	Q6052	H-1
IC6004	C-2	Q6006	D-2	Q6055	D-1
IC6005	I-3	Q6007	D-2	Q6056	H-3
IC6006	H-2	Q6008	C-2	**TP**	
IC6011	H-2	Q6011	B-2	TPSS1	E-1
		Q6012	B-2	TPSUS	A-2
		Q6013	C-2	TPV15	B-3
		Q6014	C-2	TPVDA	B-3
		Q6021	G-2	TPVE	H-1
		Q6024	G-2		
		Q6025	D-1		
		Q6041	F-1		
		Q6042	F-1		



SS-BOARD(COMPONENT SIDE)
TNPA3544

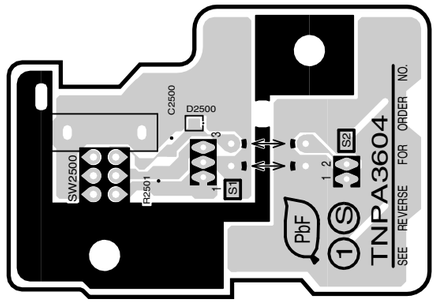


TH-42PM50U
SS-BOARD TNPA3544

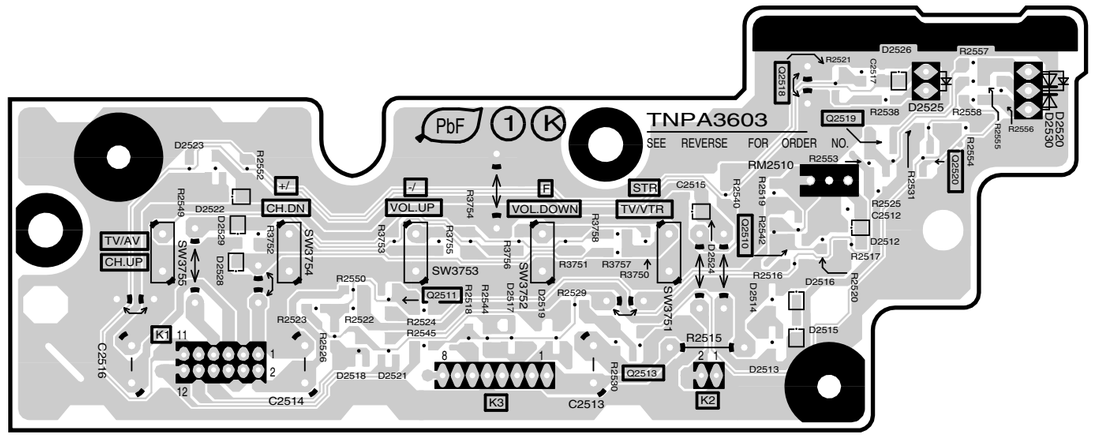
TH-42PM50U
SS-BOARD TNPA3544

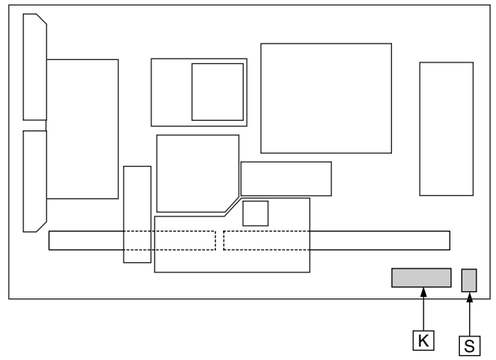
12.15. K and S-Board

S-BOARD (FOIL SIDE)
TNPA3604

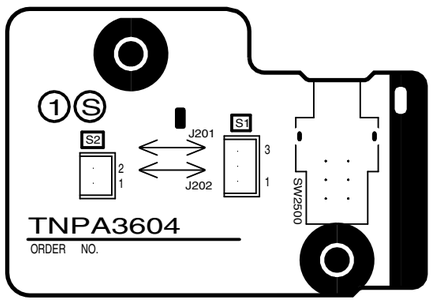


K-BOARD (FOIL SIDE)
TNPA3603

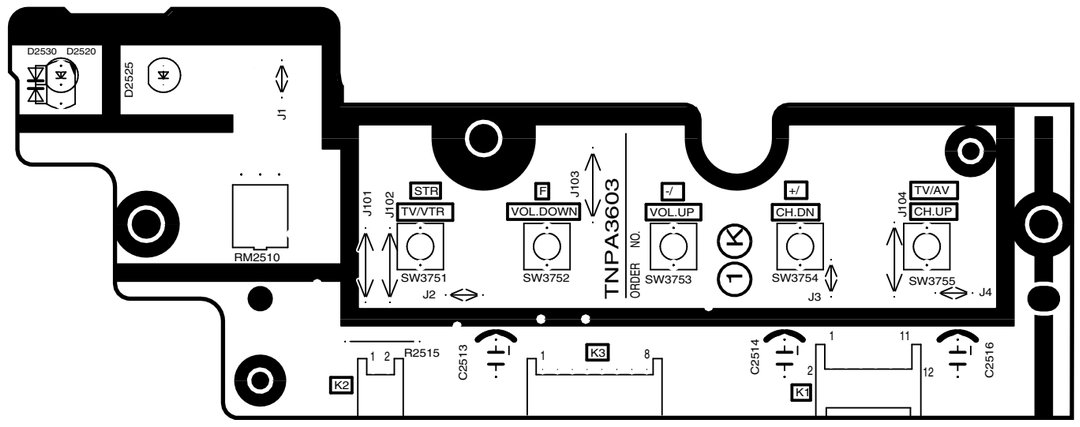




S-BOARD (COMPONENT SIDE)
TNPA3604



K-BOARD (COMPONENT SIDE)
TNPA3603



TH-42PM50U
S-BOARD TNPA3604
K-BOARD TNPA3603

TH-42PM50U
S-BOARD TNPA3604
K-BOARD TNPA3603

13 Block and Schematic Diagram

13.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

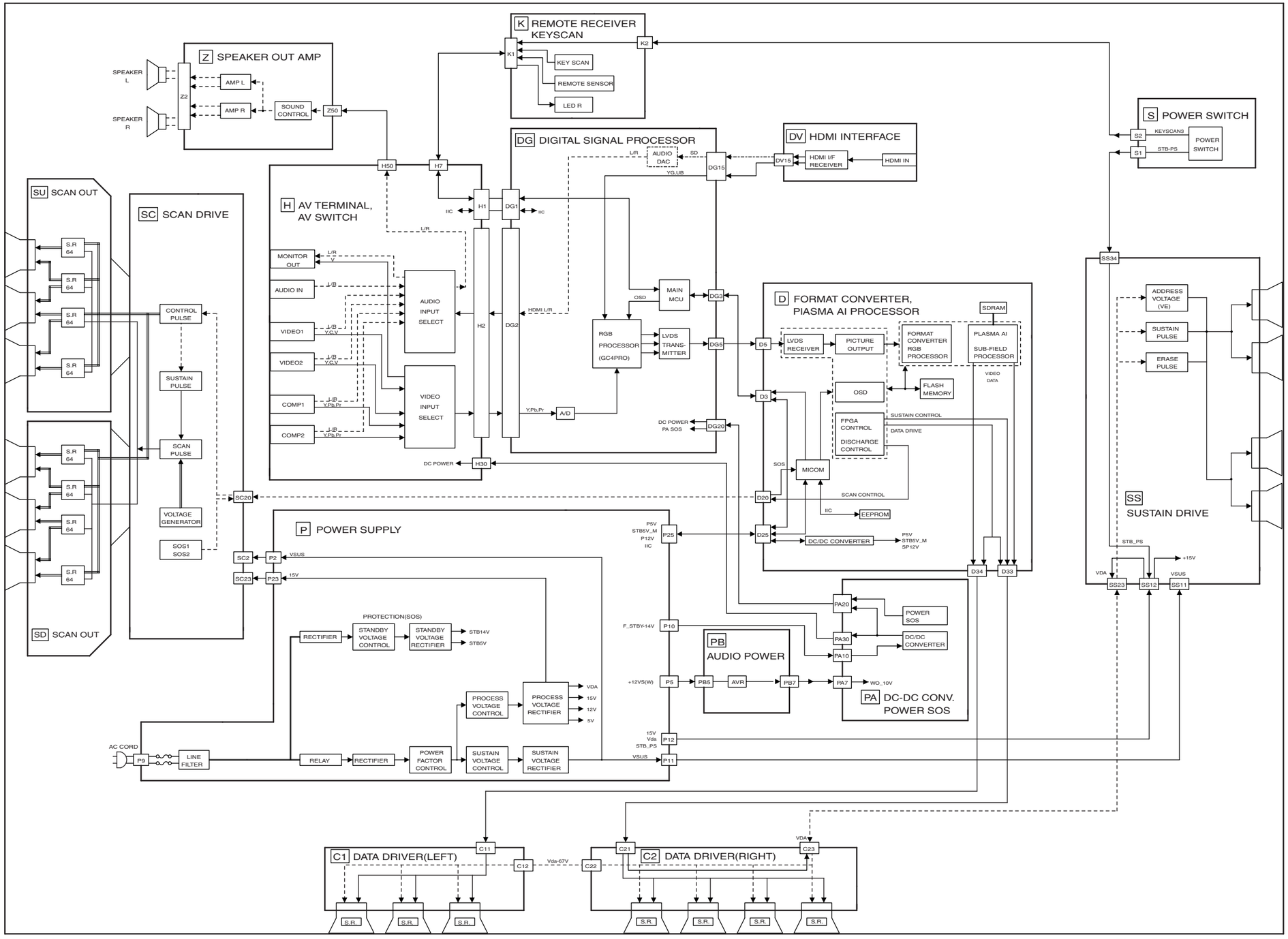
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC120V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
      Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

TH-42PM50U
Schematic Diagram Notes

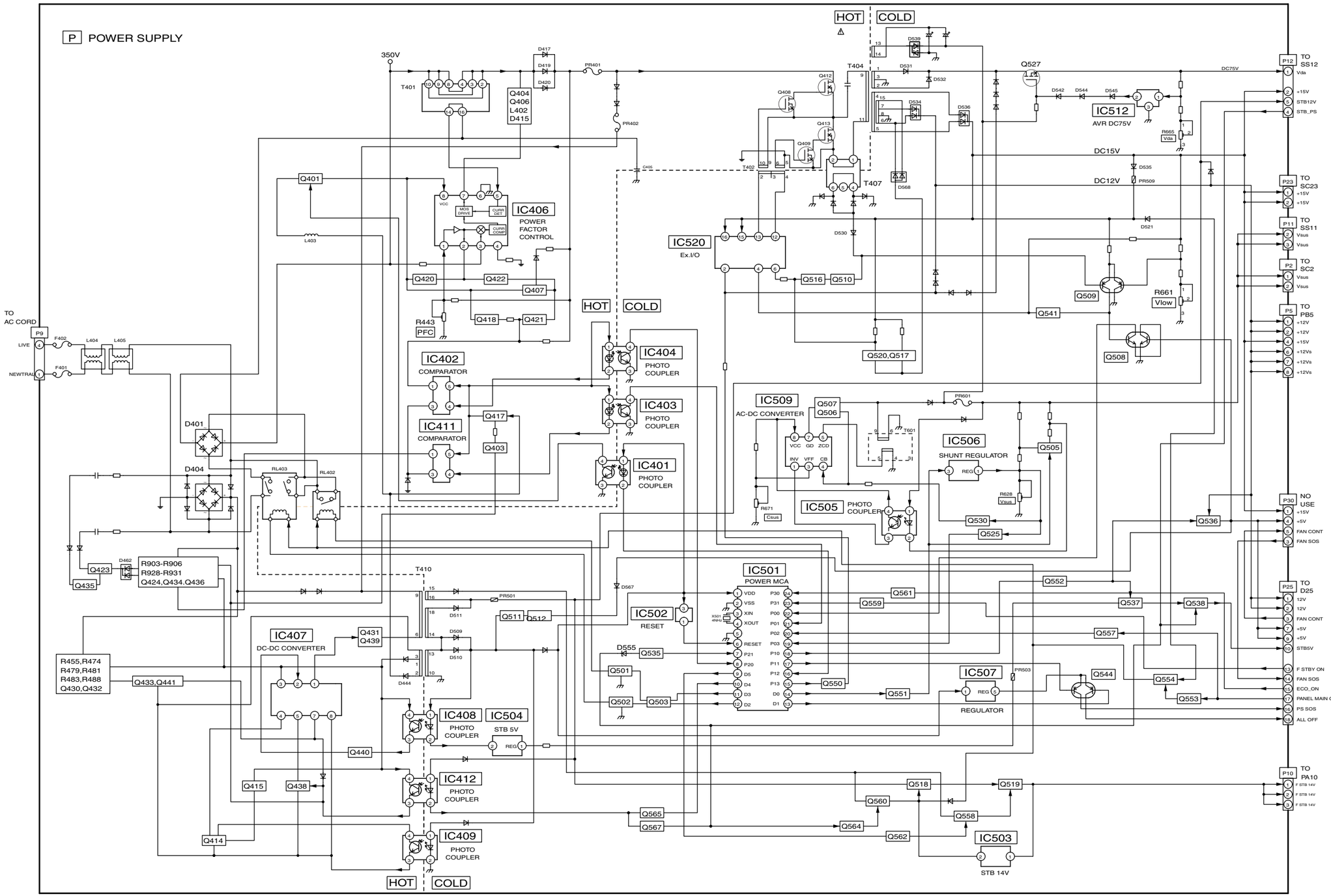
13.2. Main Block Diagram



TH-42PM50U Main Block Diagram

TH-42PM50U Main Block Diagram

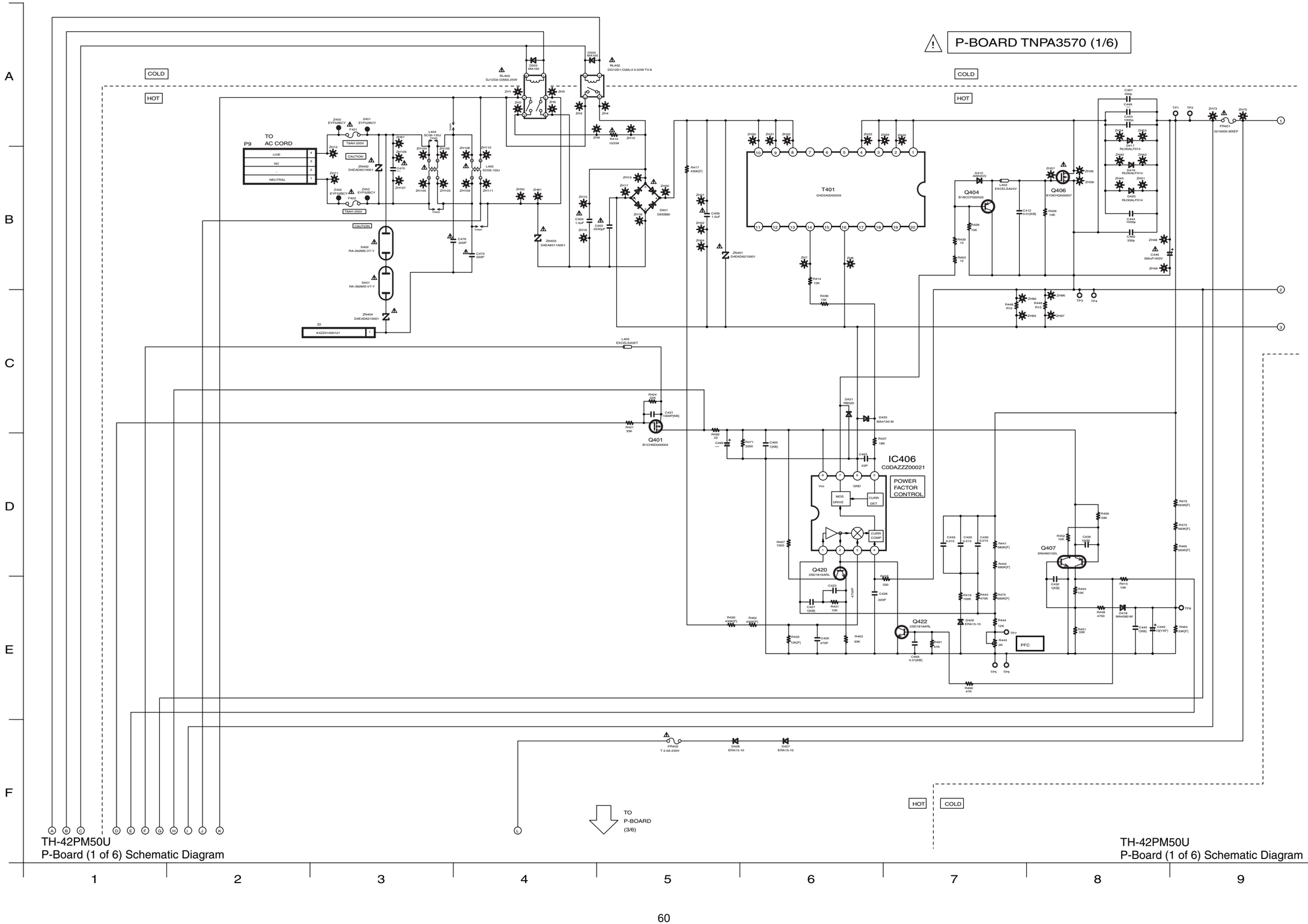
13.3. P-Board Block Diagram



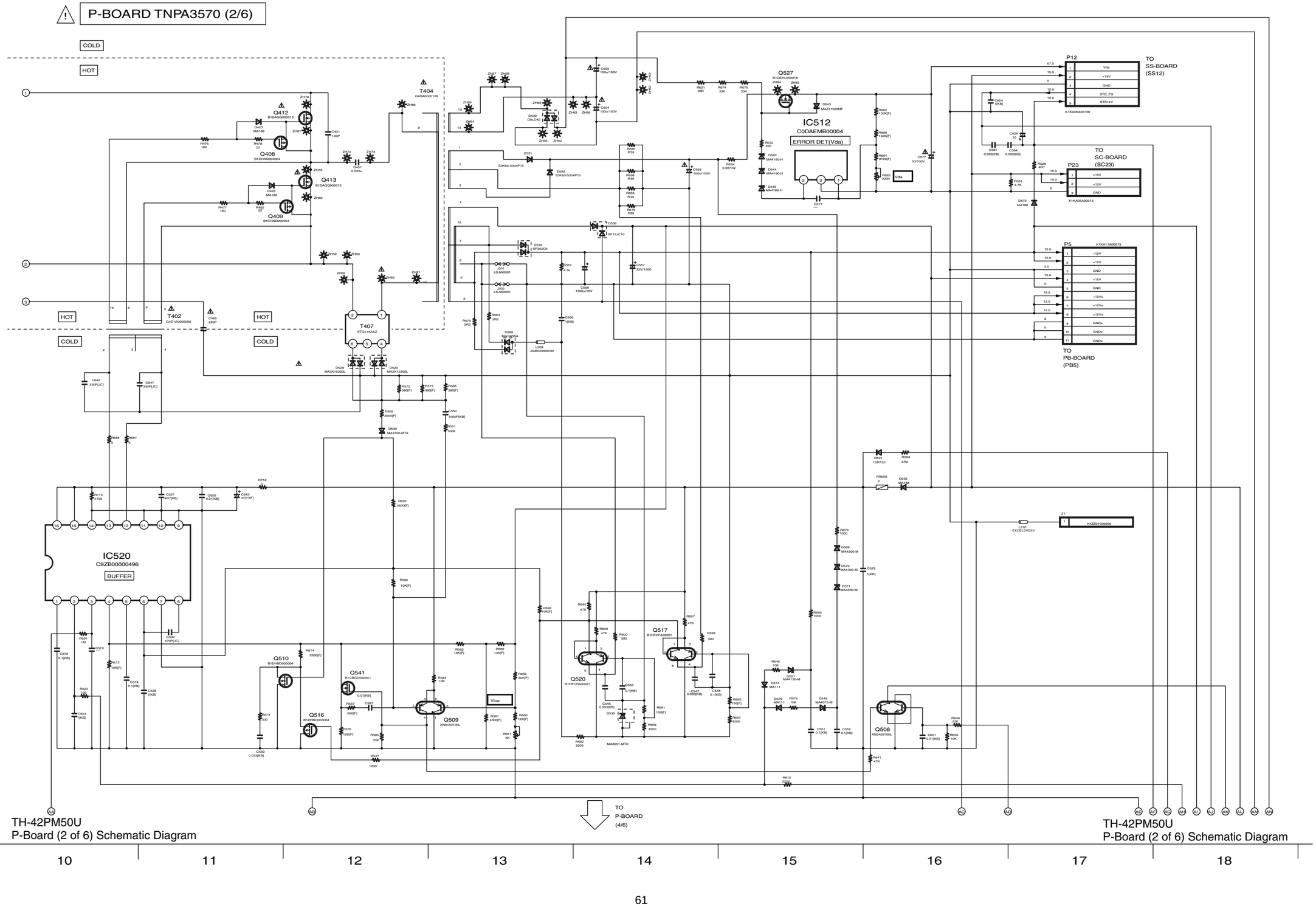
TH-42PM50U
P-Board Block Diagram

TH-42PM50U
P-Board Block Diagram

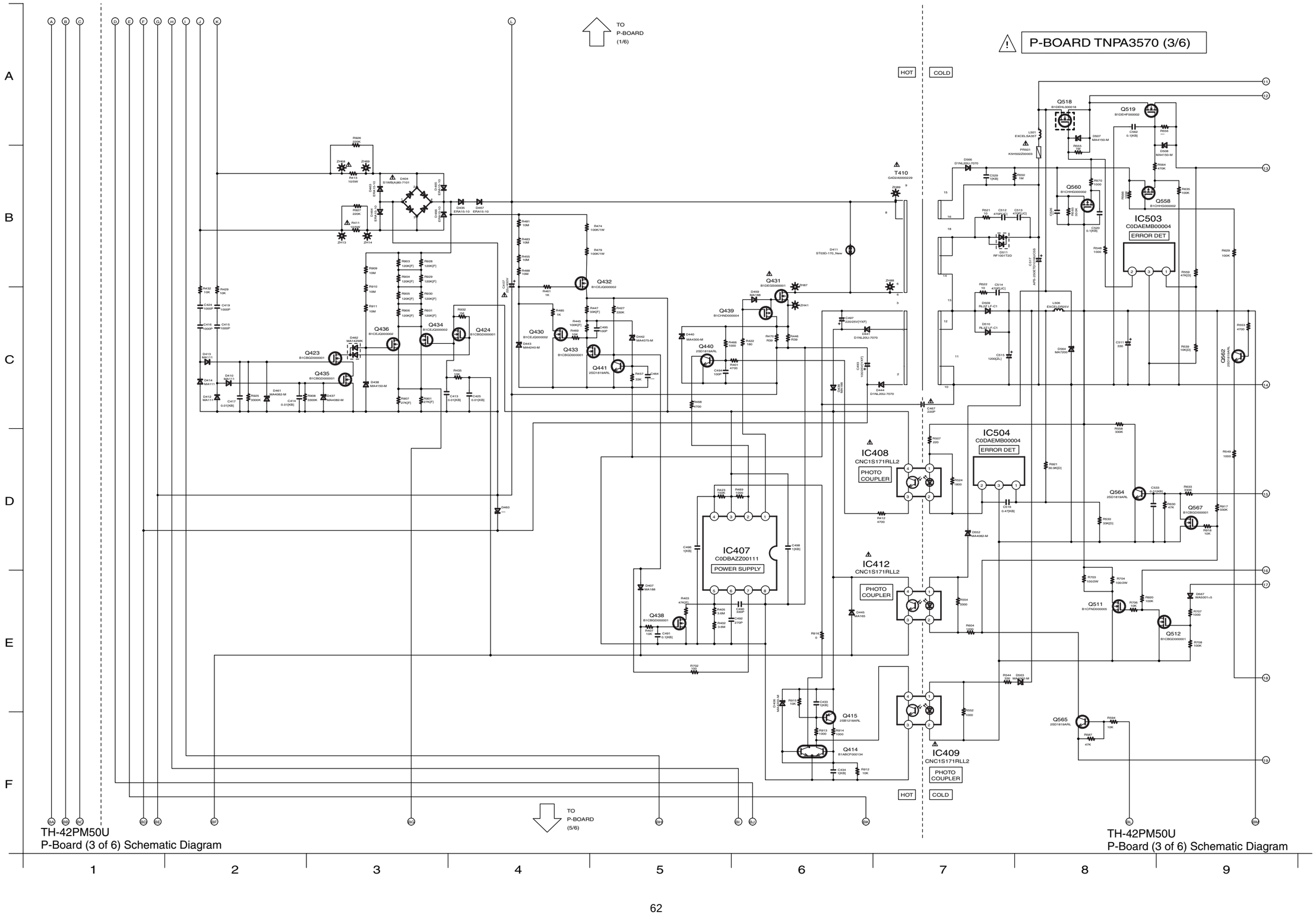
13.4. P-Board (1 of 6) Schematic Diagram



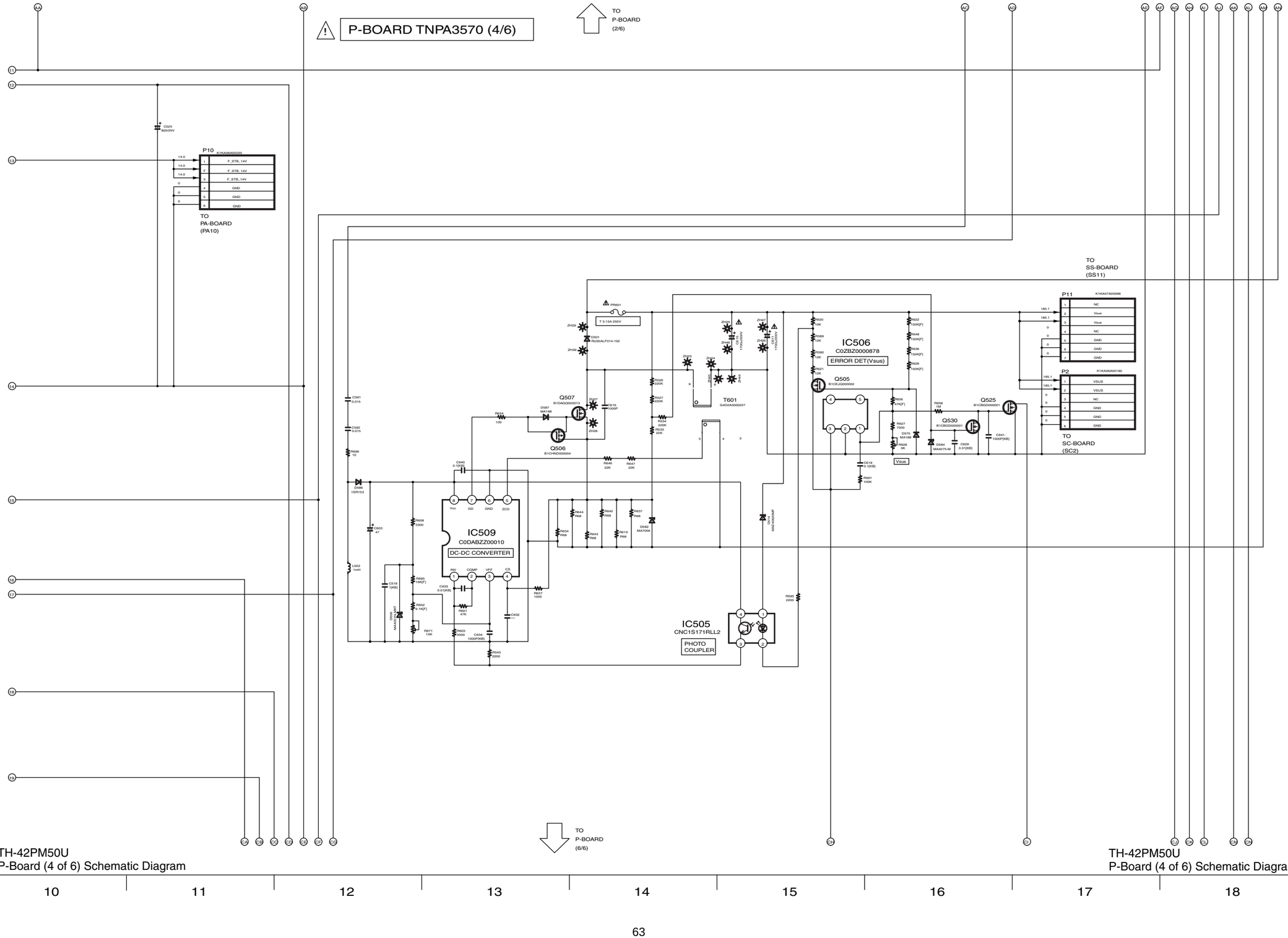
13.5. P-Board (2 of 6) Schematic Diagram


P-BOARD TNPA3570 (2/6)
COLD
HOT
IC512
C0DAEMB00004
ERROR DET(Vda)
IC520
C9ZB00000496
BUFFER
Q408
B1CHND000004
Q409
B1CHNE000004
Q412
B10ADG000013
Q413
B10ADQ000013
Q510
B1DH8D000004
Q516
B1DH8D000004
Q541
B1CBGD000001
Q509
XN0440100L
Q517
B1HFCFA00021
Q520
B1HFCFA00021
Q508
XN0450100L
Q527
B1DEFKL000015
T404
G4DA0000109
T402
G4D1A0000098
T407
ETG1163AZ
P12
TO SS-BOARD (SS12)
K1KA05A00139
P23
TO SC-BOARD (SC23)
K1KA03A00213
P5
K1KA11A00073
TO PB-BOARD (PB5)
TO P-BOARD (4/6)
Vdd
+15V
GND
STB_PS
STB12V
+12V
GNDs
Vdd
Vdd
Vdd

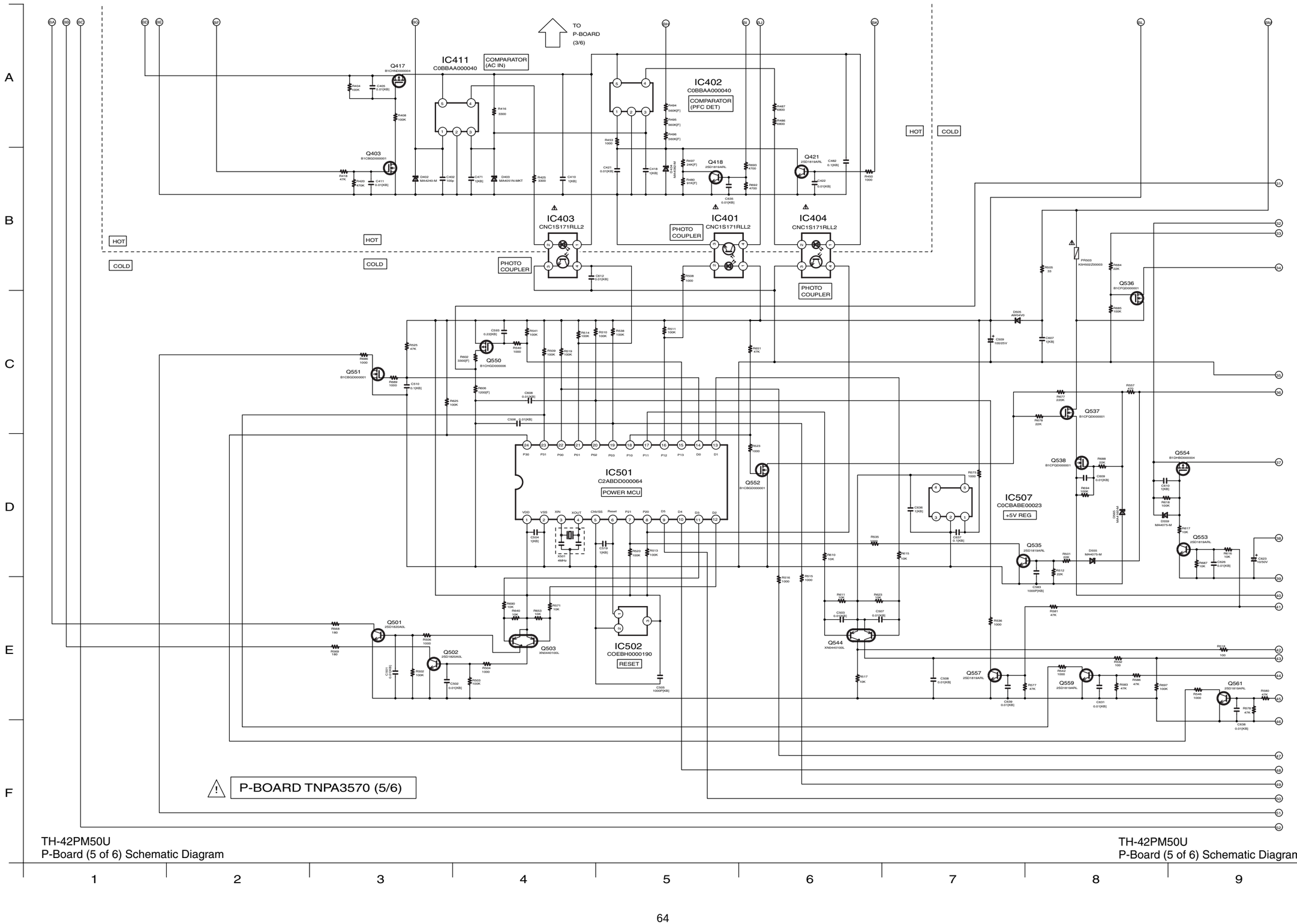
13.6. P-Board (3 of 6) Schematic Diagram



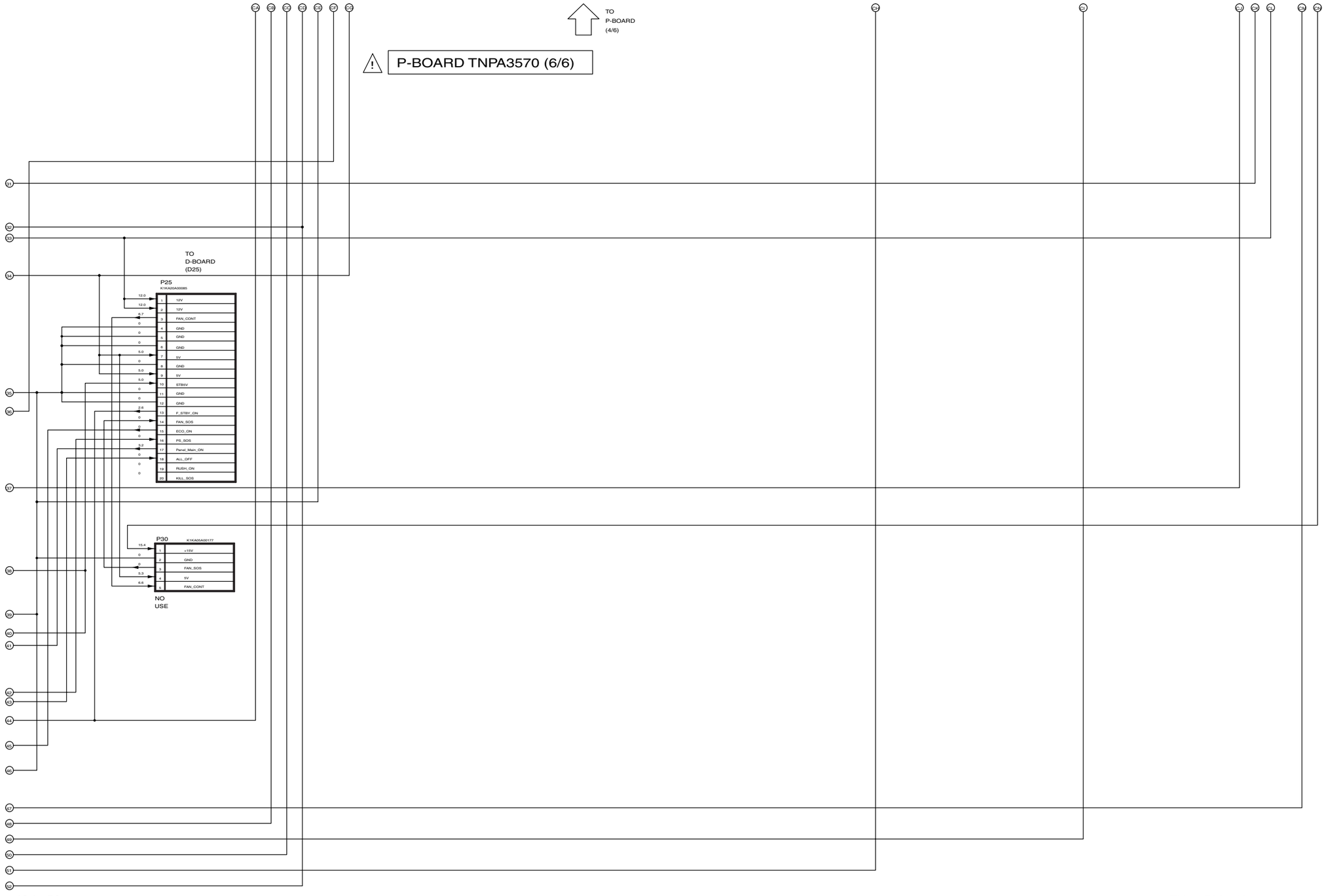
13.7. P-Board (4 of 6) Schematic Diagram



13.8. P-Board (5 of 6) Schematic Diagram



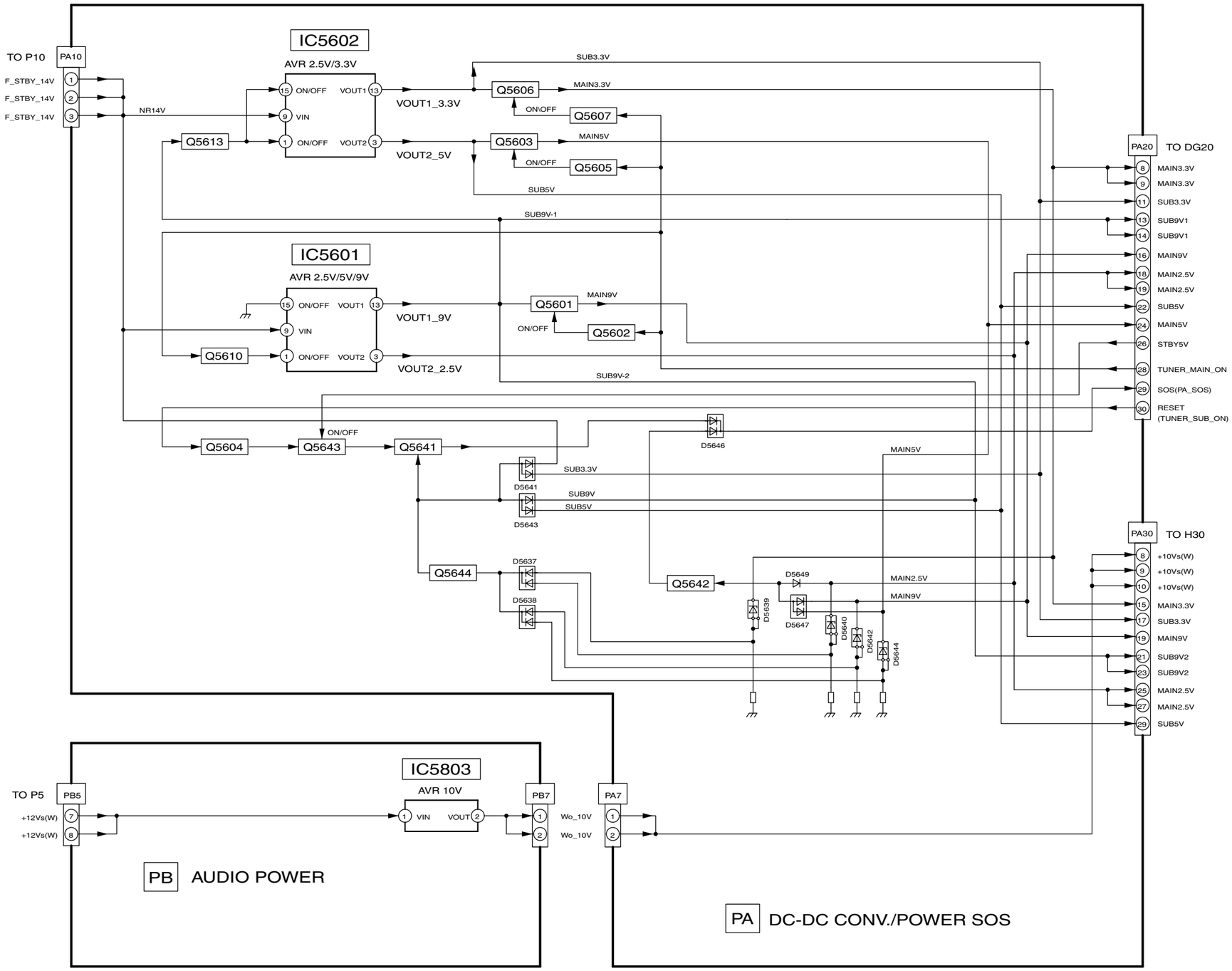
13.9. P-Board (6 of 6) Schematic Diagram



TH-42PM50U
P-Board (6 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

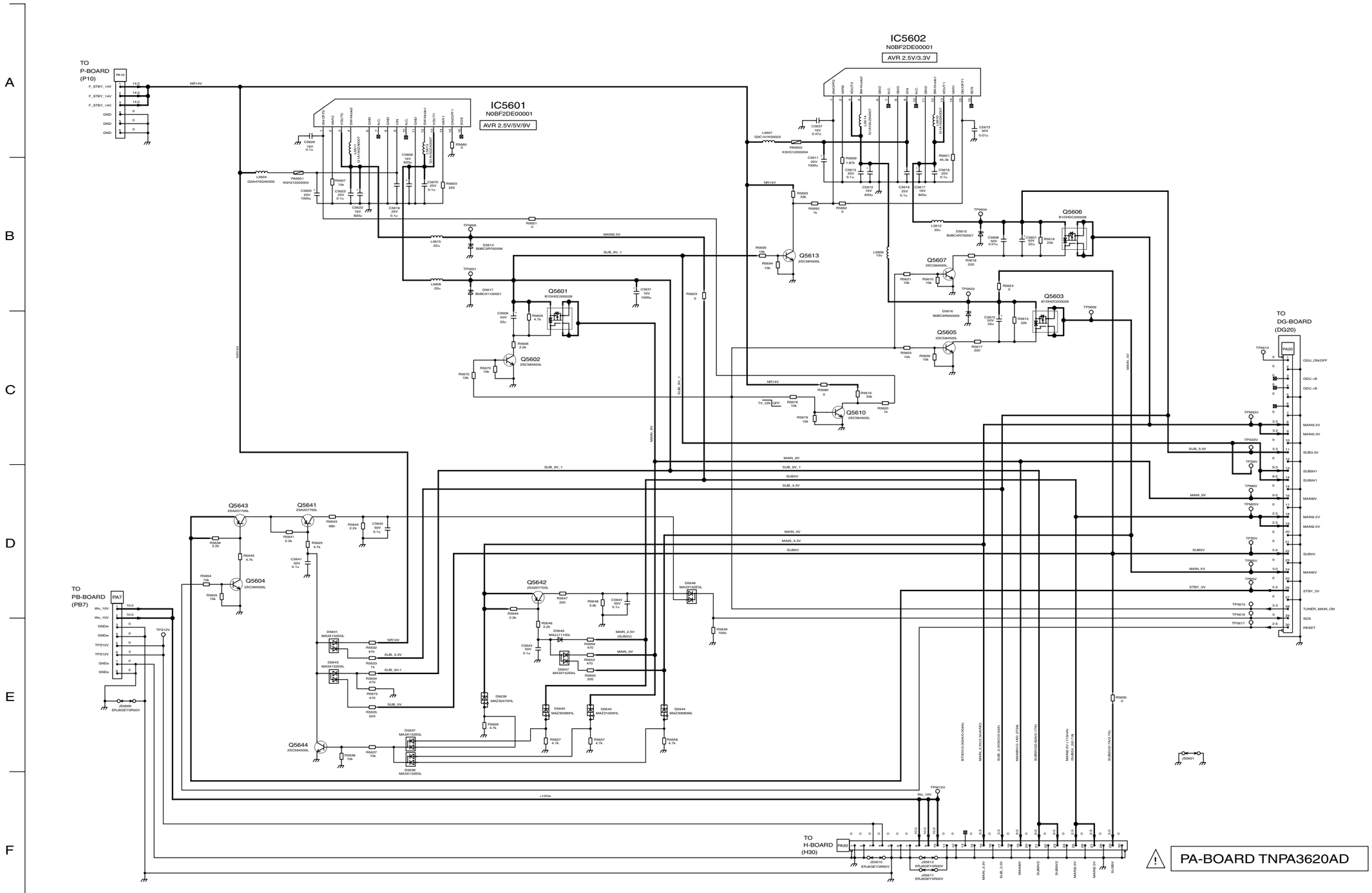
13.10. PA and PB-Board Block Diagram



TH-42PM50U
PA and PB-Board Block Diagram

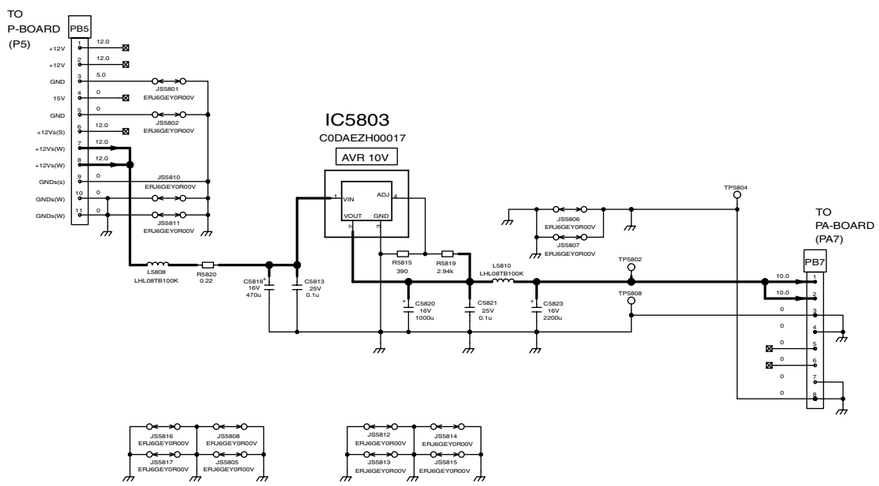
TH-42PM50U
PA and PB-Board Block Diagram

13.11. PA-Board Schematic Diagram



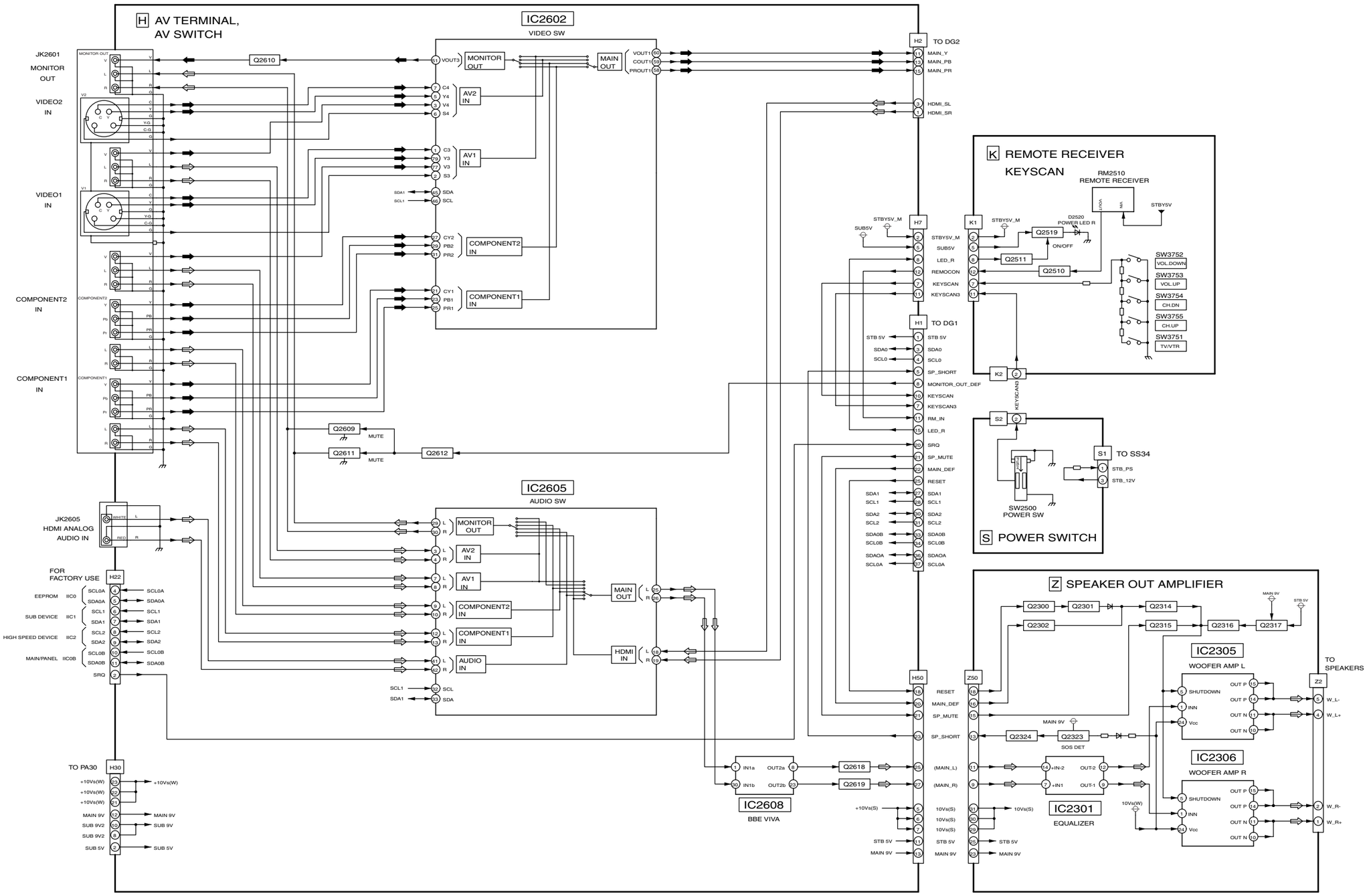
13.12. PB-Board Schematic Diagram

PB-BOARD TNPA3643



TH-42PM50U
PB-Board Schematic Diagram

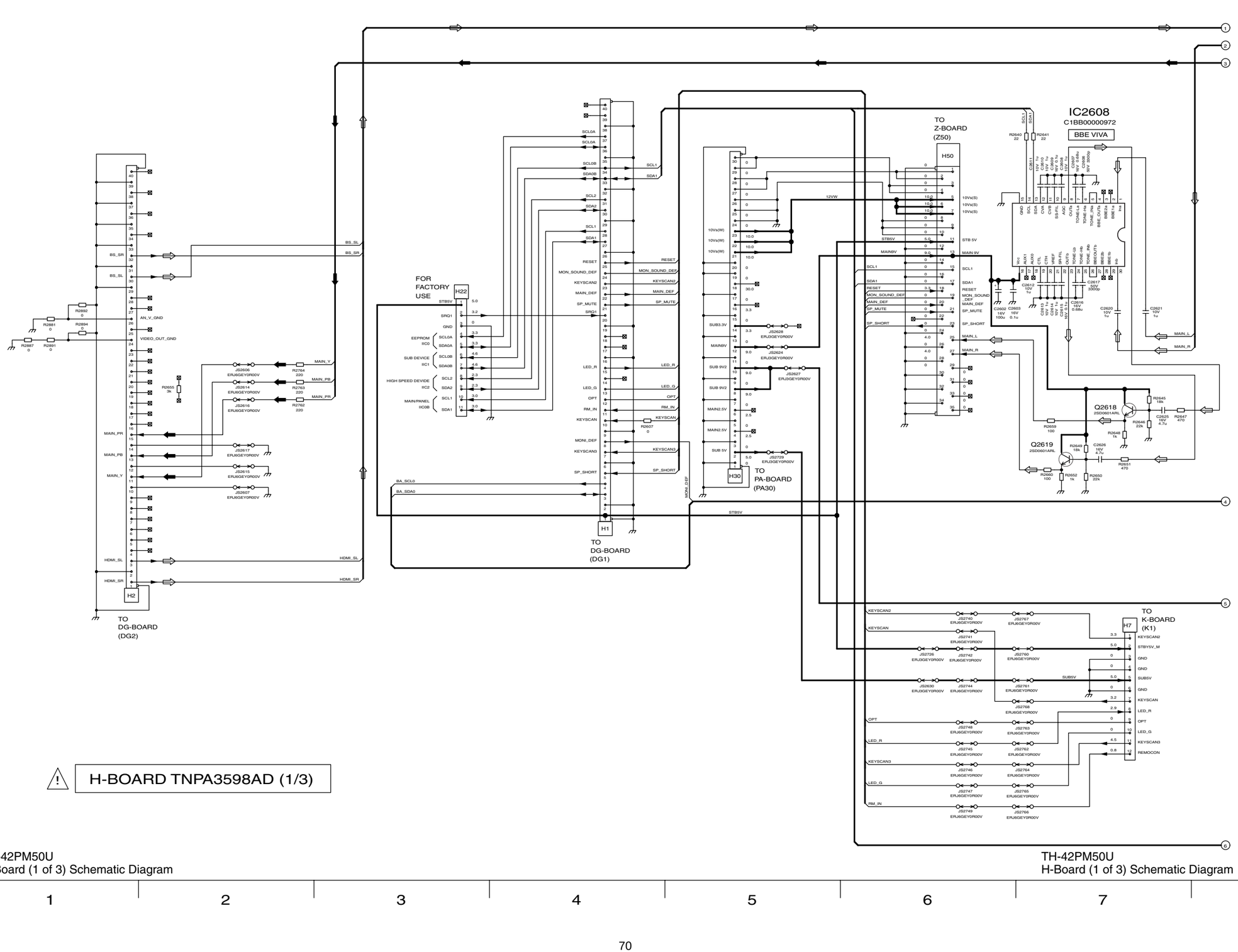
13.13. H, K, S and Z-Board Block Diagram



TH-42PM50U
H, K, S and Z-Board Block Diagram

TH-42PM50U
H, K, S and Z-Board Block Diagram

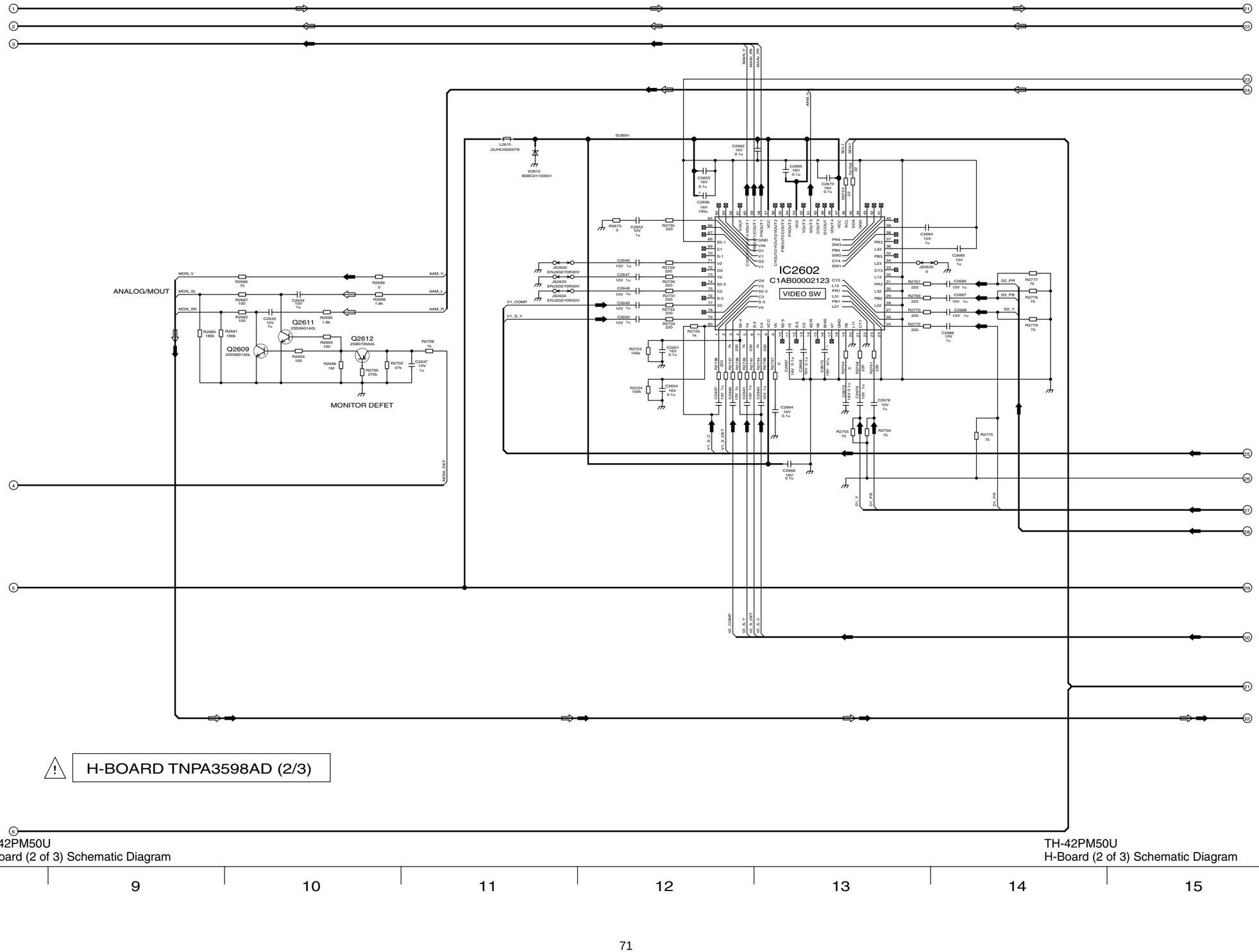
13.14. H-Board (1 of 3) Schematic Diagram



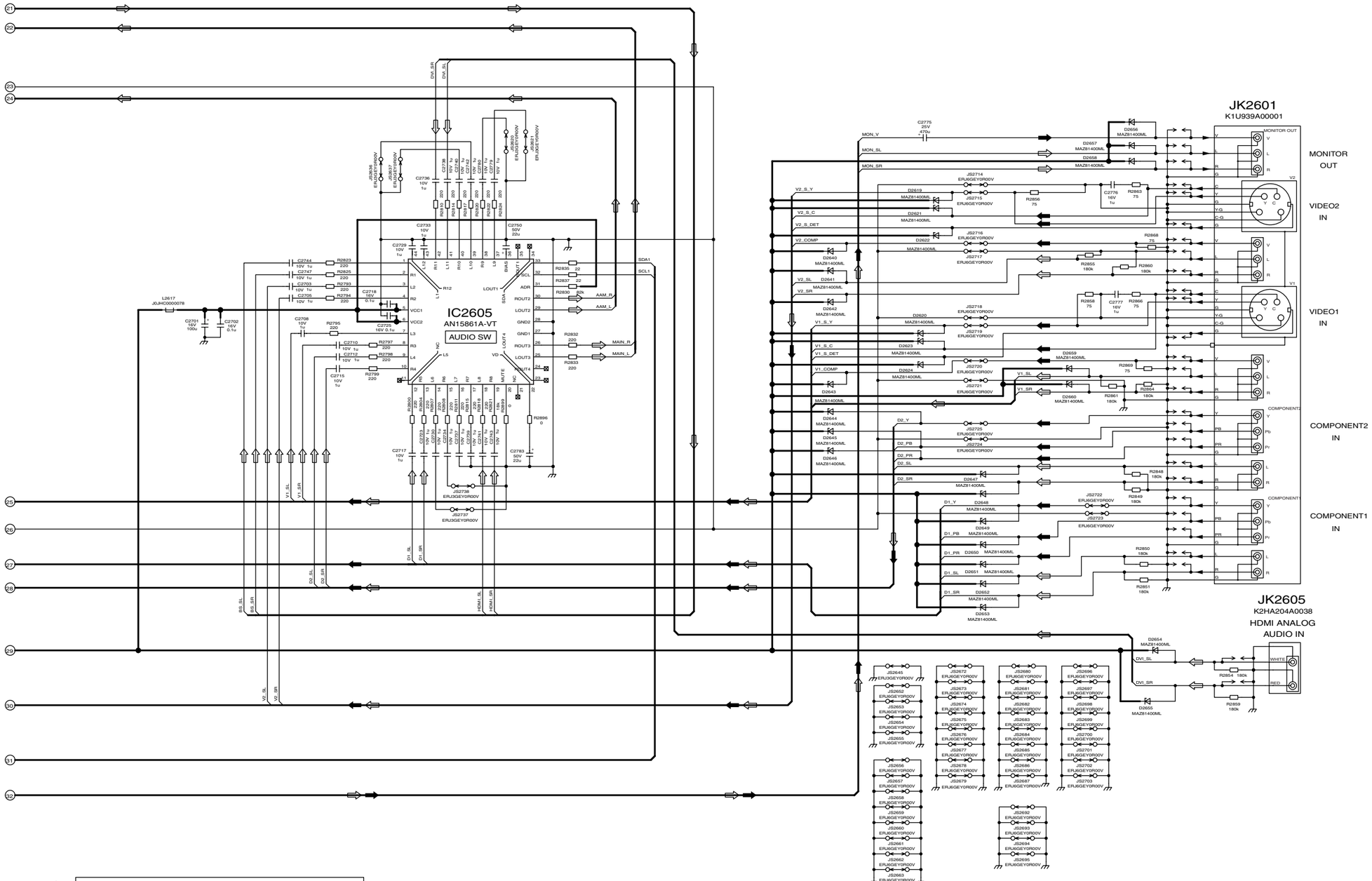
TH-42PM50U
H-Board (1 of 3) Schematic Diagram

TH-42PM50U
H-Board (1 of 3) Schematic Diagram

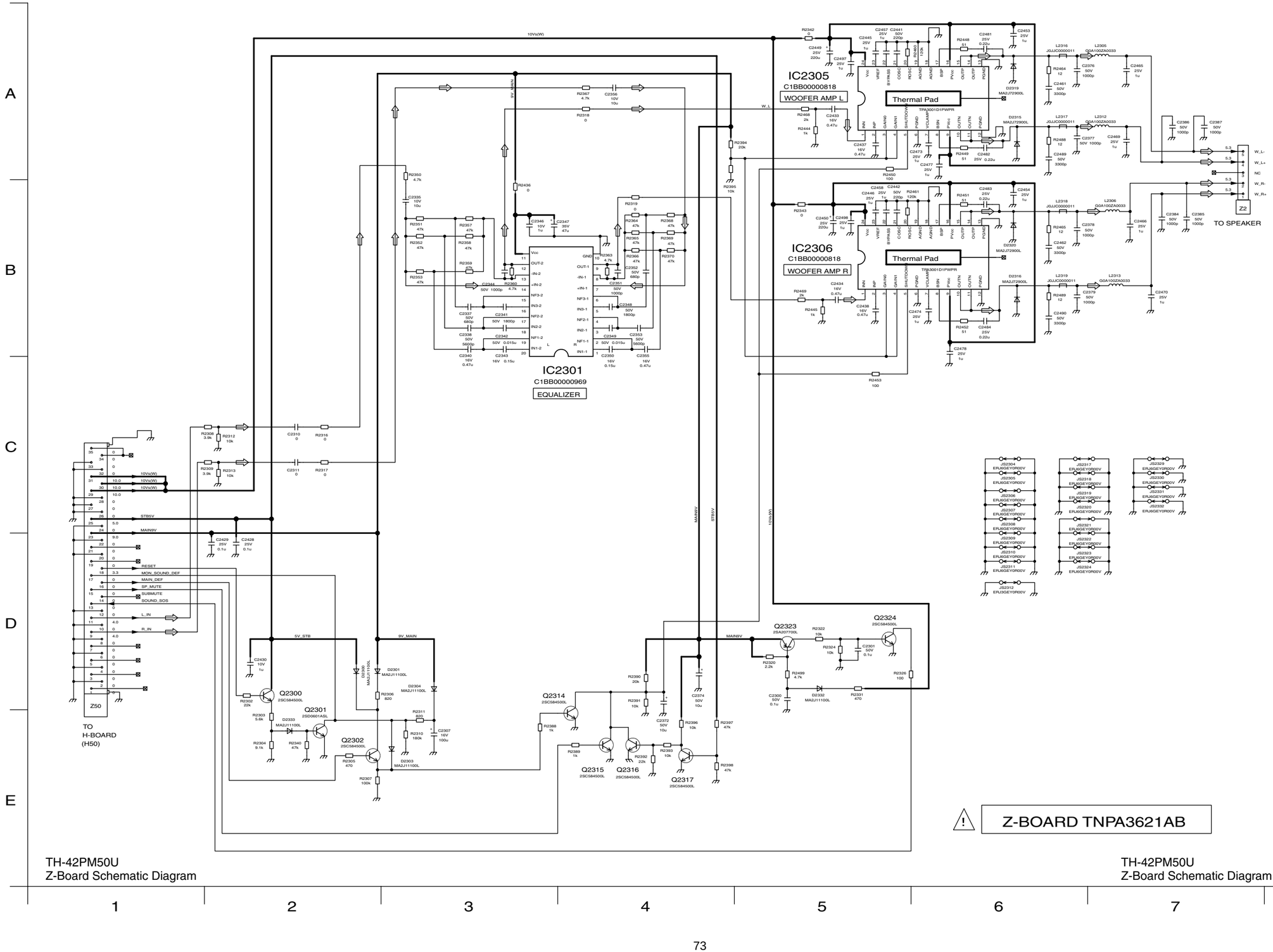
13.15. H-Board (2 of 3) Schematic Diagram



13.16. H-Board (3 of 3) Schematic Diagram

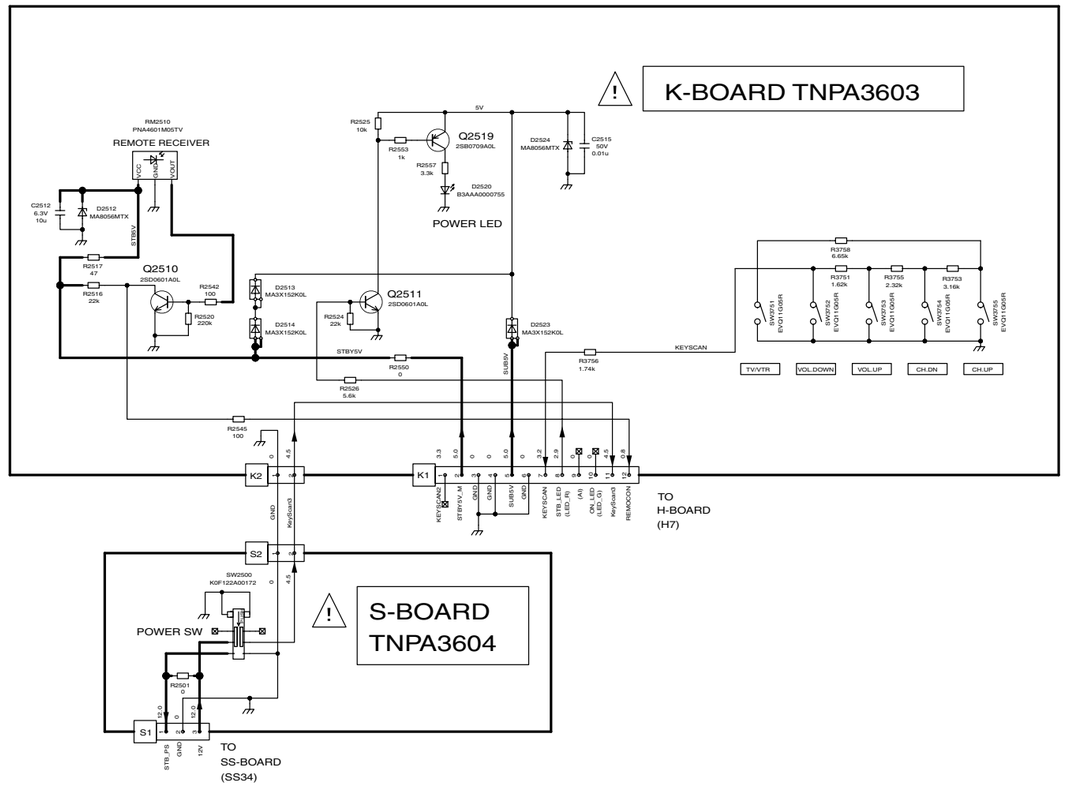


13.17. Z-Board Schematic Diagram



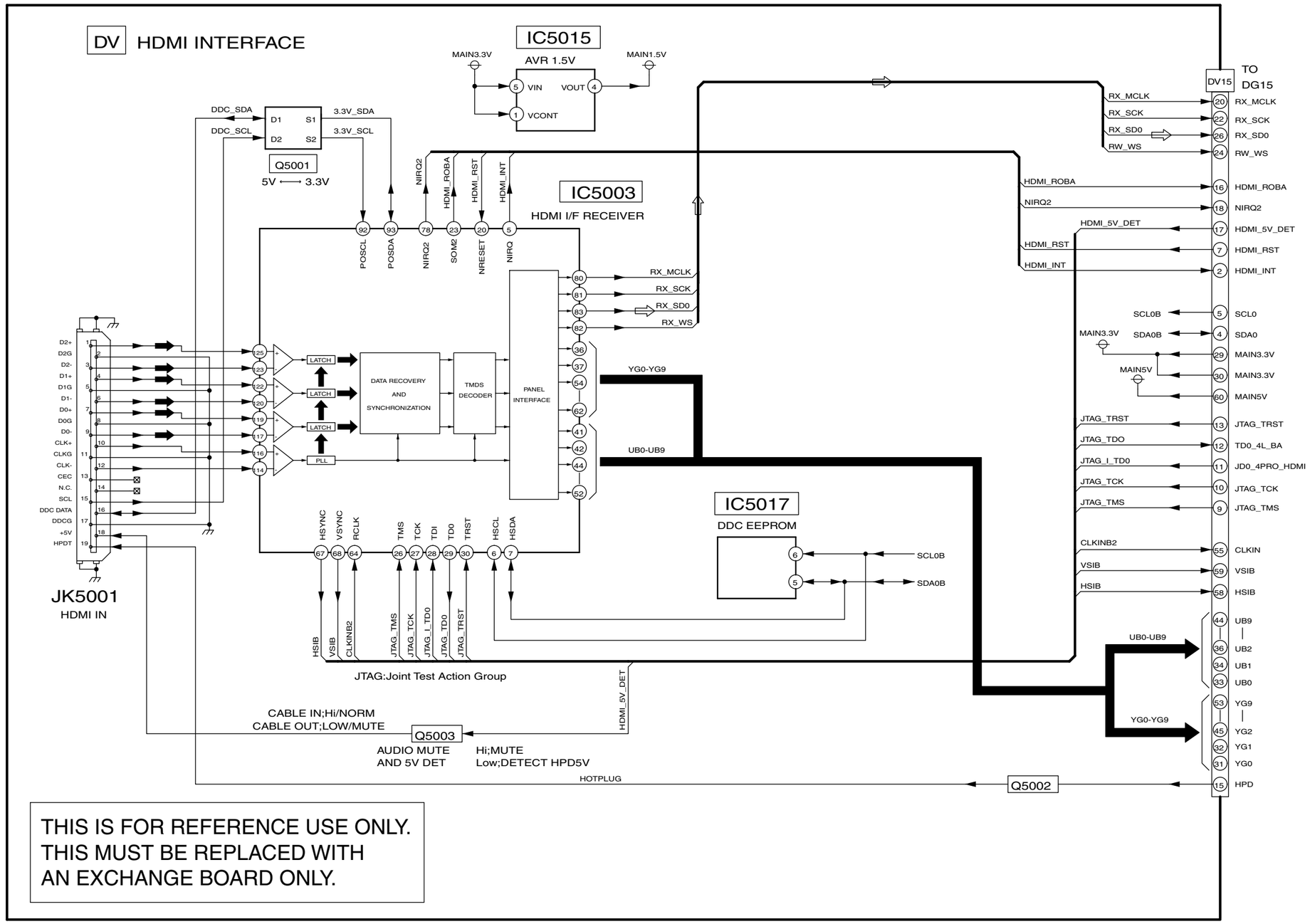
⚠ Z-BOARD TNPA3621AB

13.18. K and S-Board Schematic Diagram



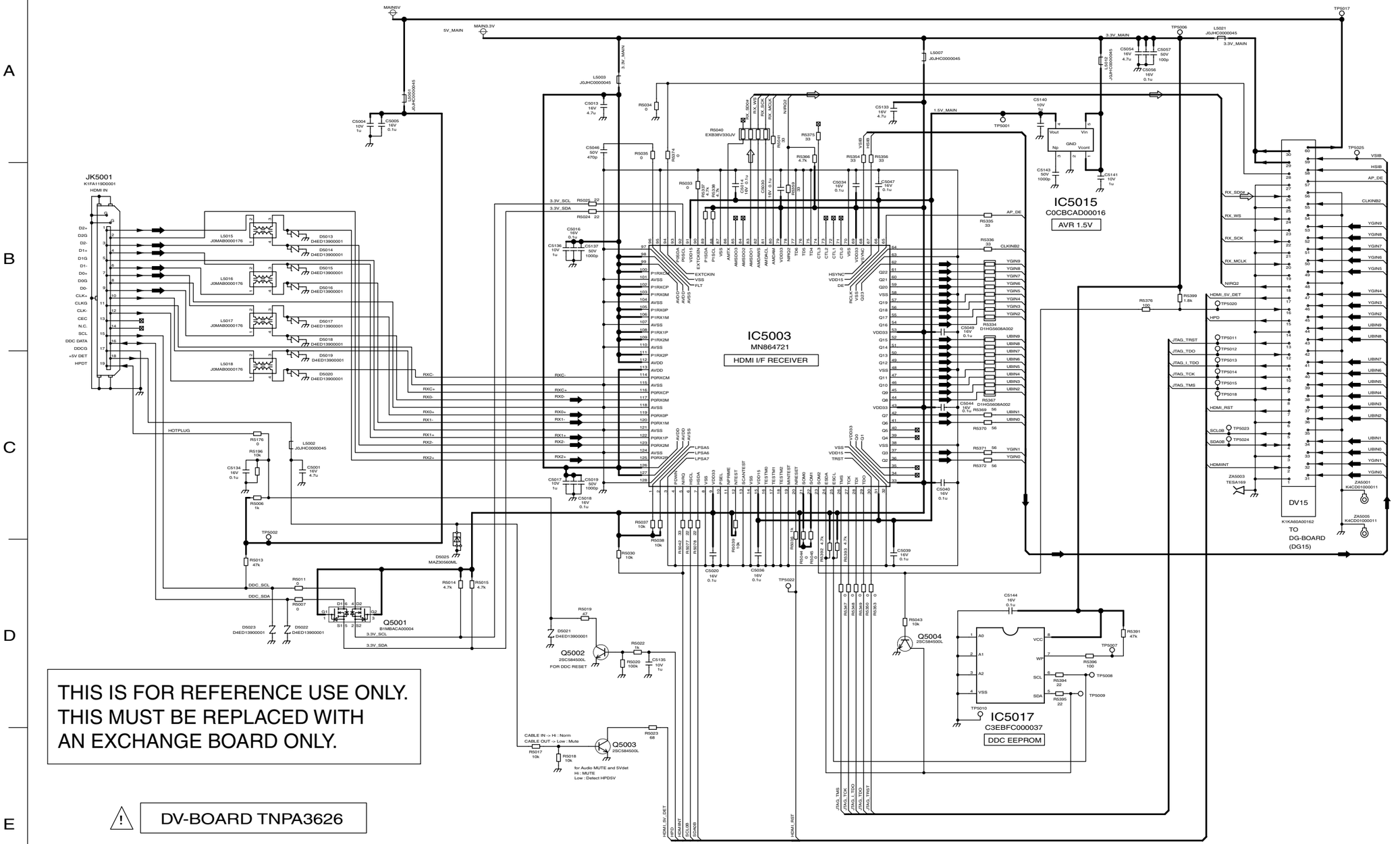
TH-42PM50U
K and S-Board Schematic Diagram

13.19. DV-Board Block Diagram



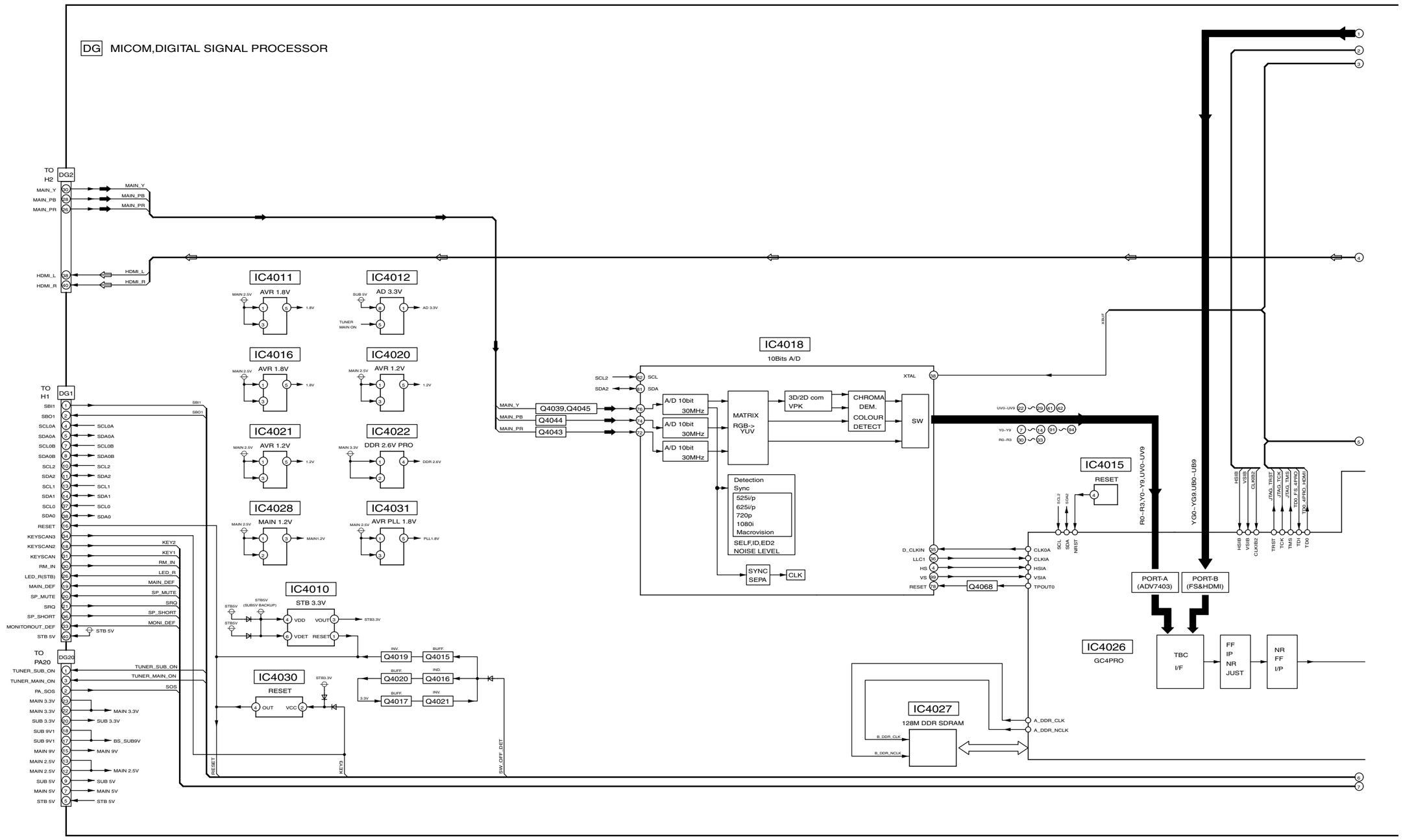
TH-42PM50U
DV-Board Block Diagram

13.20. DV-Board Schematic Diagram



TH-42PM50U
DV-Board Schematic Diagram

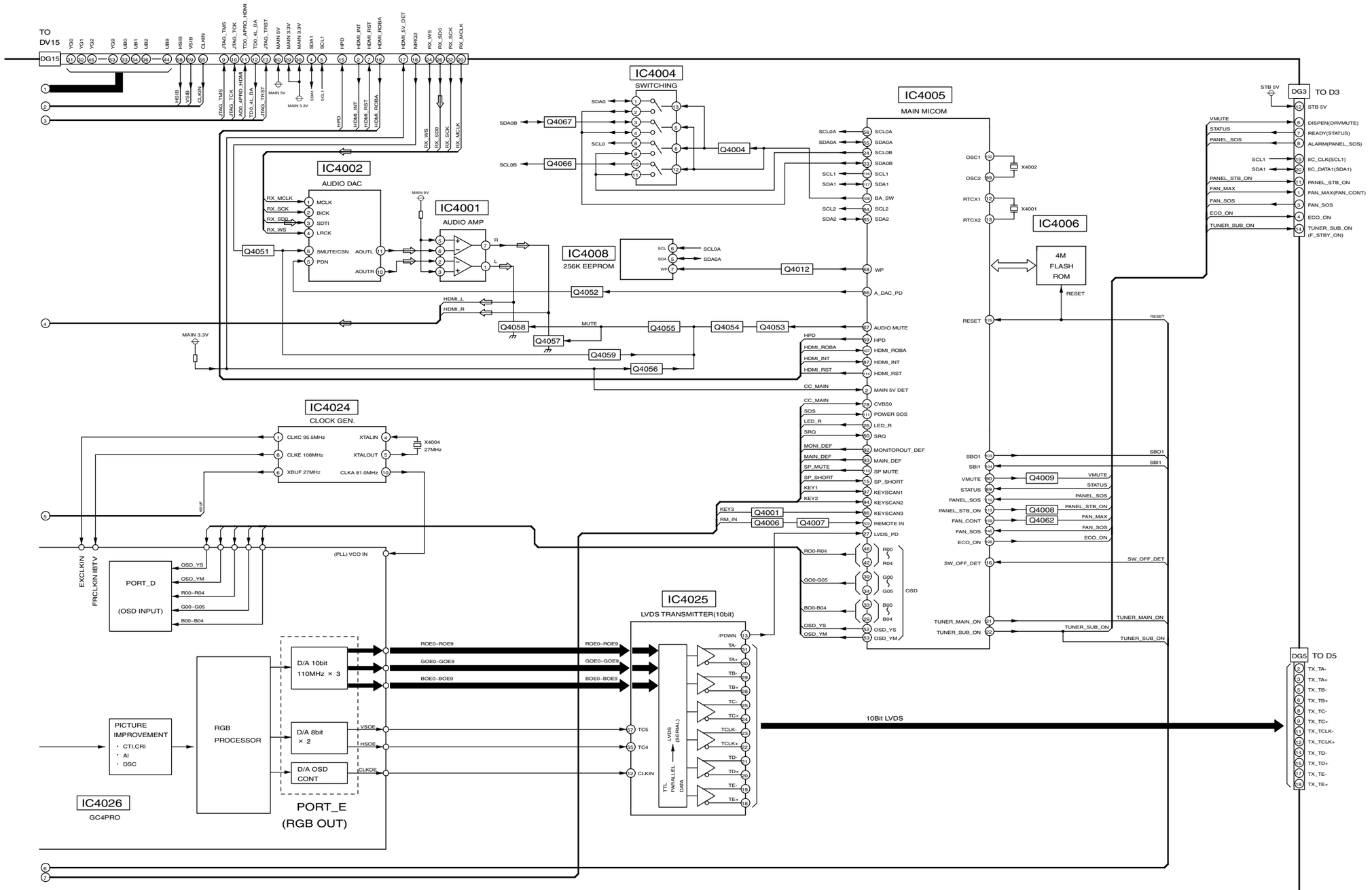
13.21. DG-Board (1 of 2) Block Diagram



TH-42PM50U
DG-Board(1 of 2) Block Diagram

TH-42PM50U
DG-Board(1 of 2) Block Diagram

13.22. DG-Board (2 of 2) Block Diagram

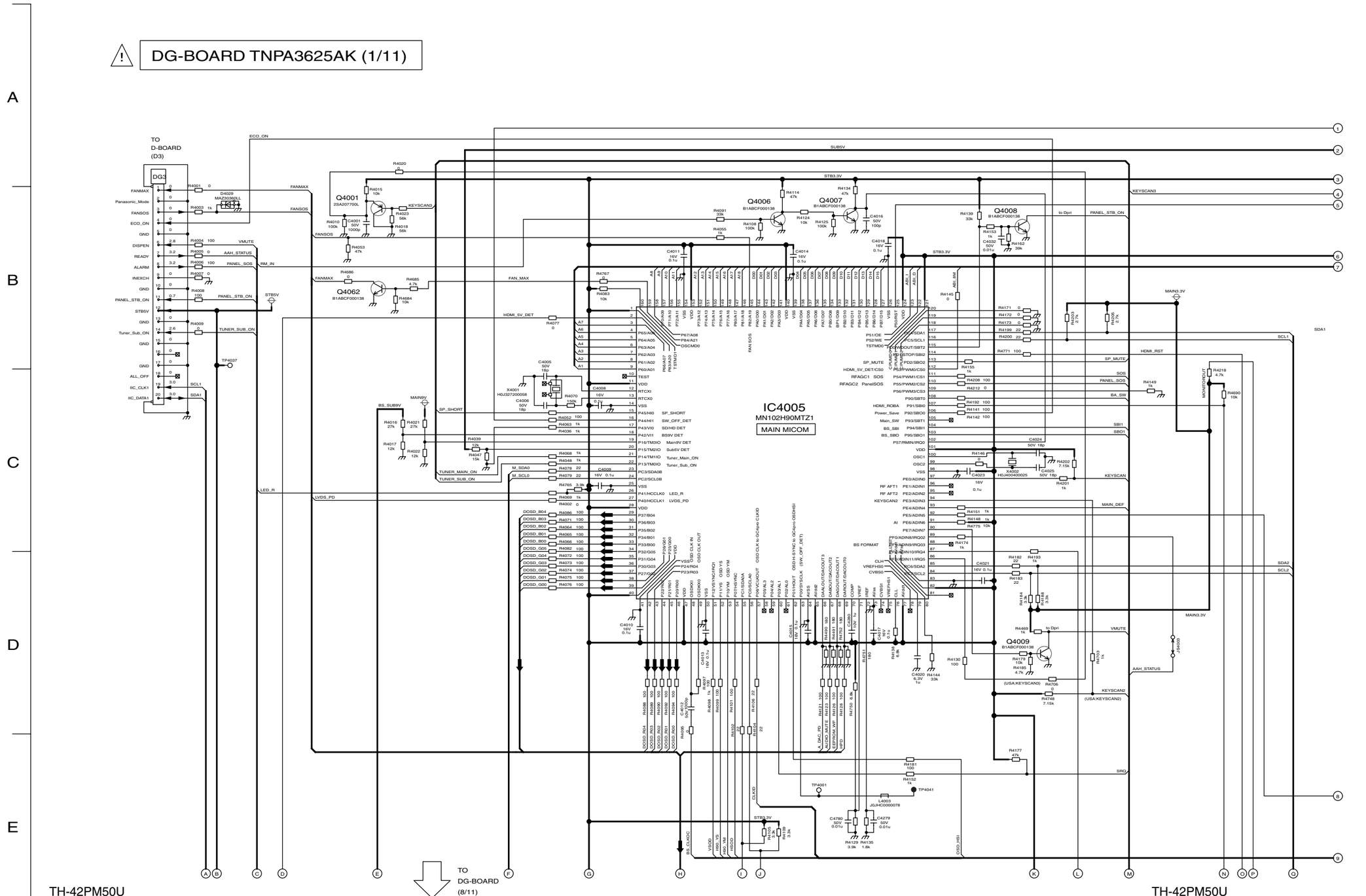


TH-42PM50U
DG-Board (2 of 2) Block Diagram

TH-42PM50U
DG-Board (2 of 2) Block Diagram

13.23. DG-Board (1 of 11) Schematic Diagram

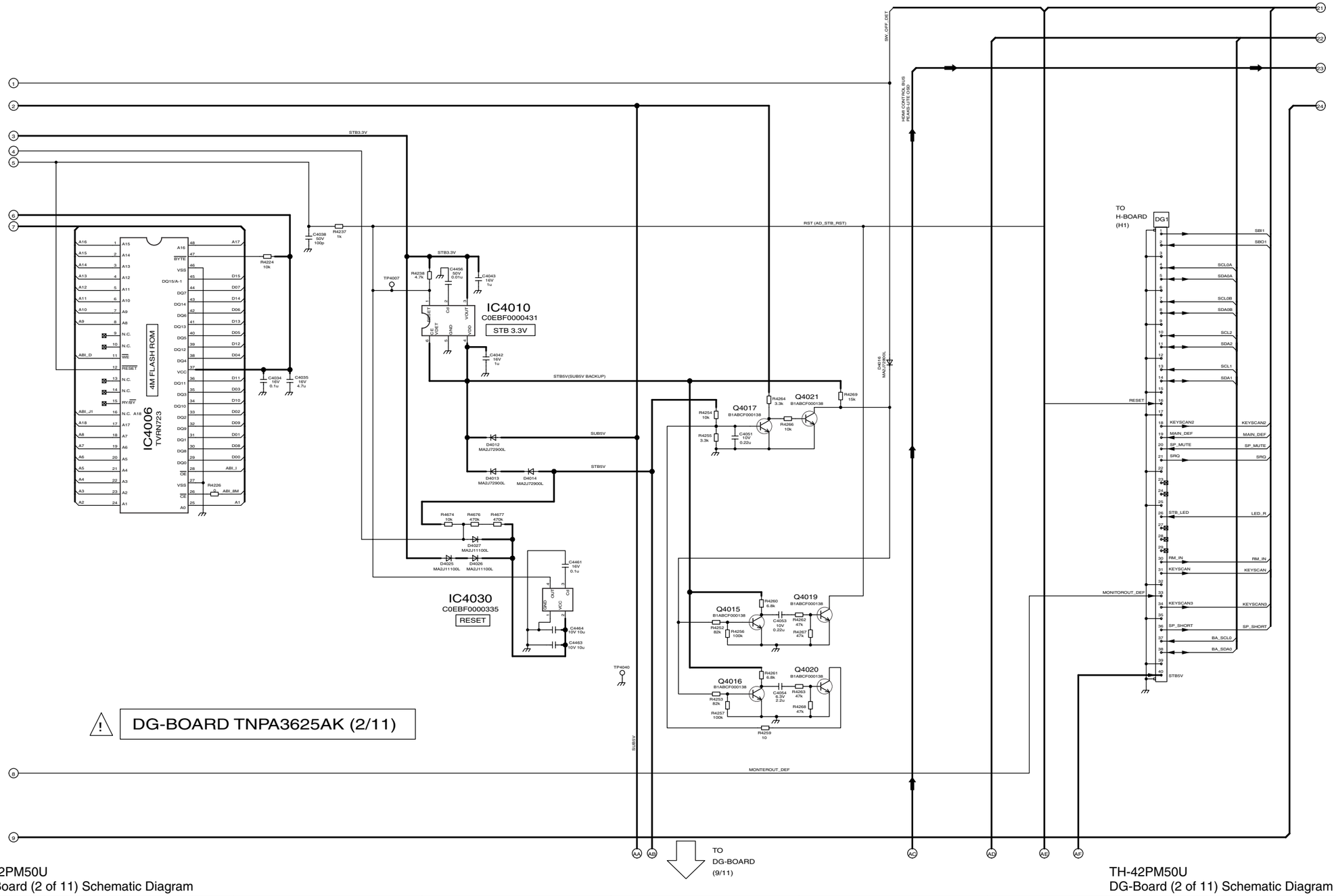
DG-BOARD TNPA3625AK (1/11)



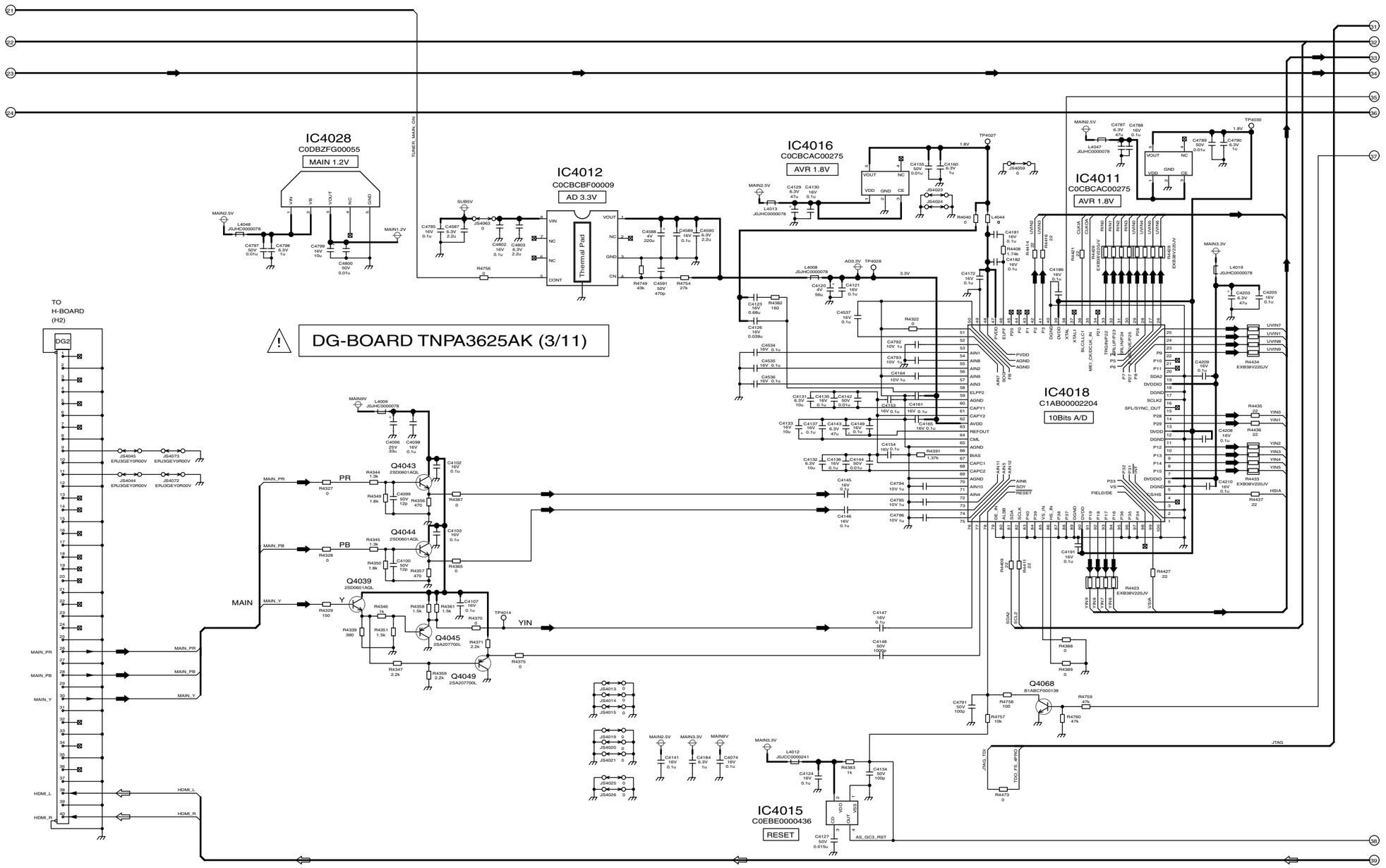
TH-42PM50U
DG-Board (1 of 11) Schematic Diagram

TH-42PM50U
DG-Board (1 of 11) Schematic Diagram

13.24. DG-Board (2 of 11) Schematic Diagram



13.25. DG-Board (3 of 11) Schematic Diagram

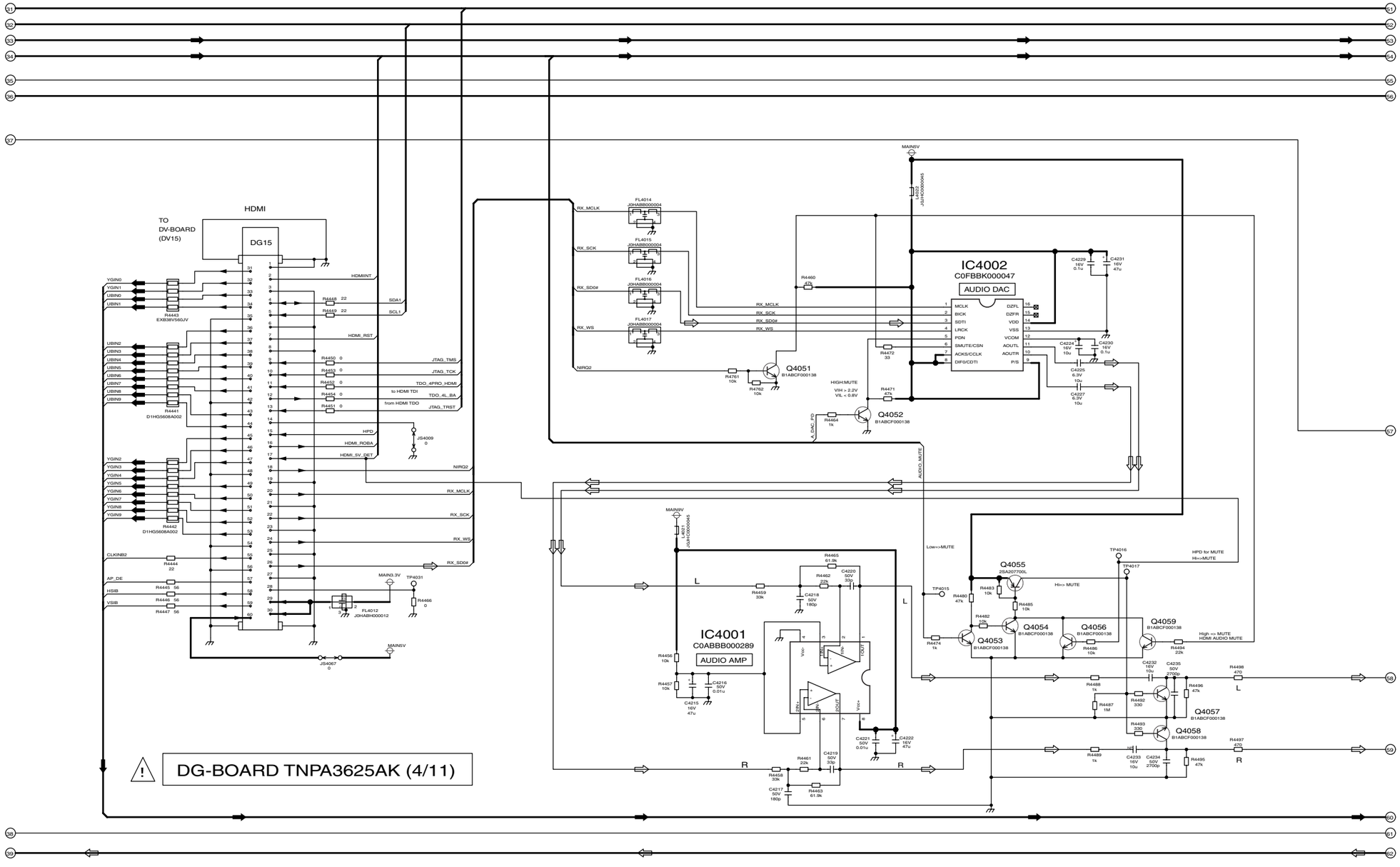


TH-42PM50U
DG-Board (3 of 11) Schematic Diagram

TH-42PM50U
DG-Board (3 of 11) Schematic Diagram

16 17 18 19 20 21 22 23

13.26. DG-Board (4 of 11) Schematic Diagram

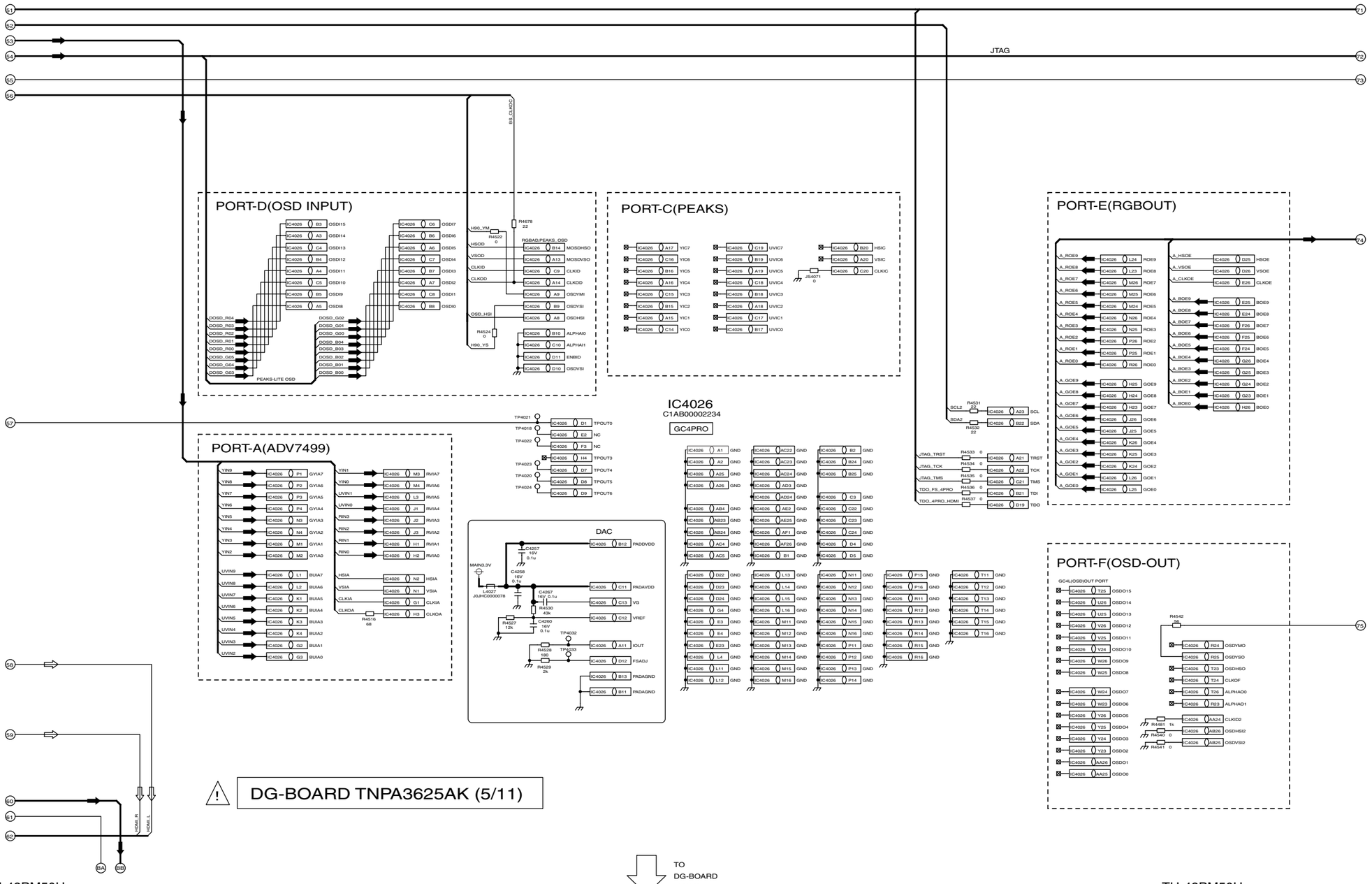


TH-42PM50U
DG-Board (4 of 11) Schematic Diagram

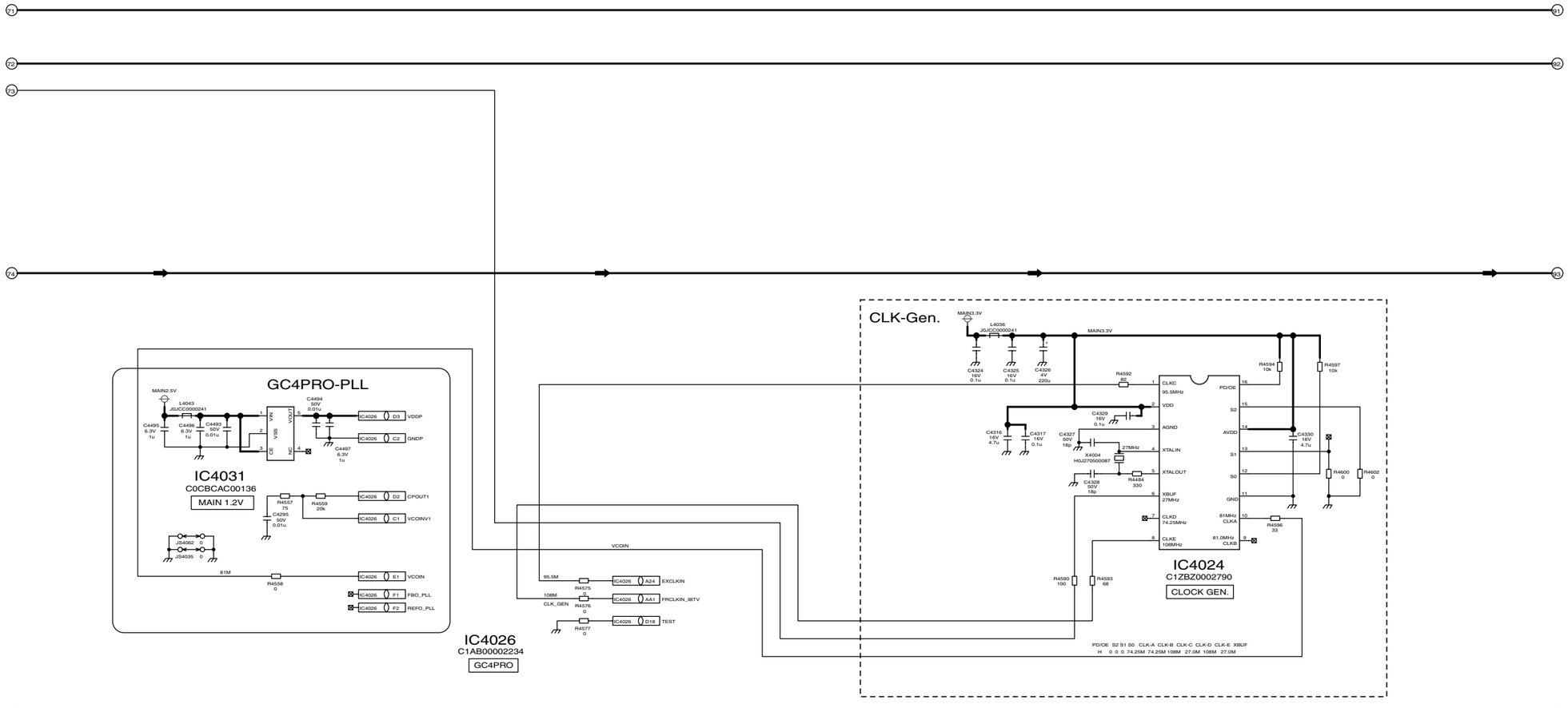
TH-42PM50U
DG-Board (4 of 11) Schematic Diagram

23 24 25 26 27 28 29 30

13.27. DG-Board (5 of 11) Schematic Diagram

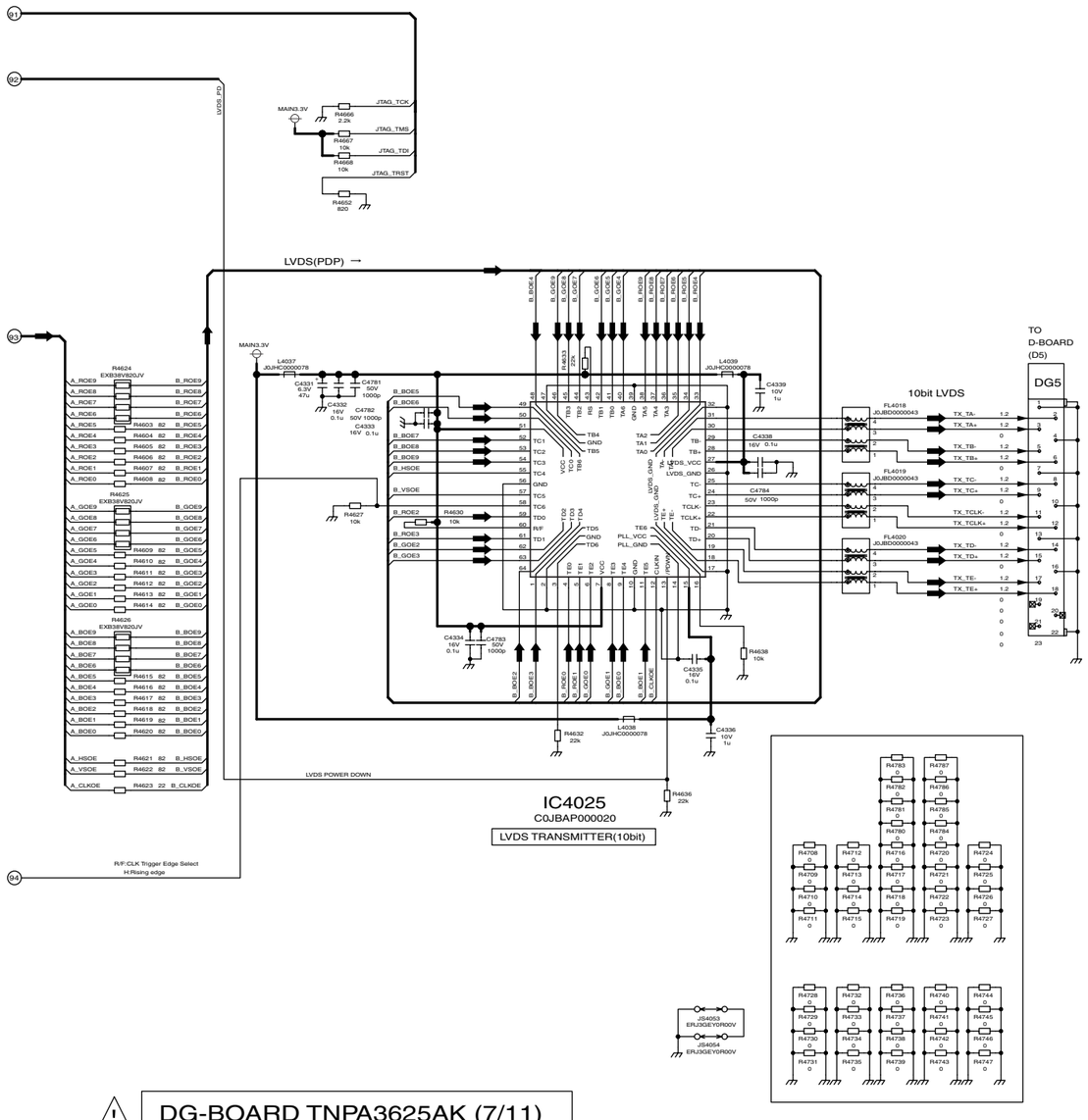


13.28. DG-Board (6 of 11) Schematic Diagram

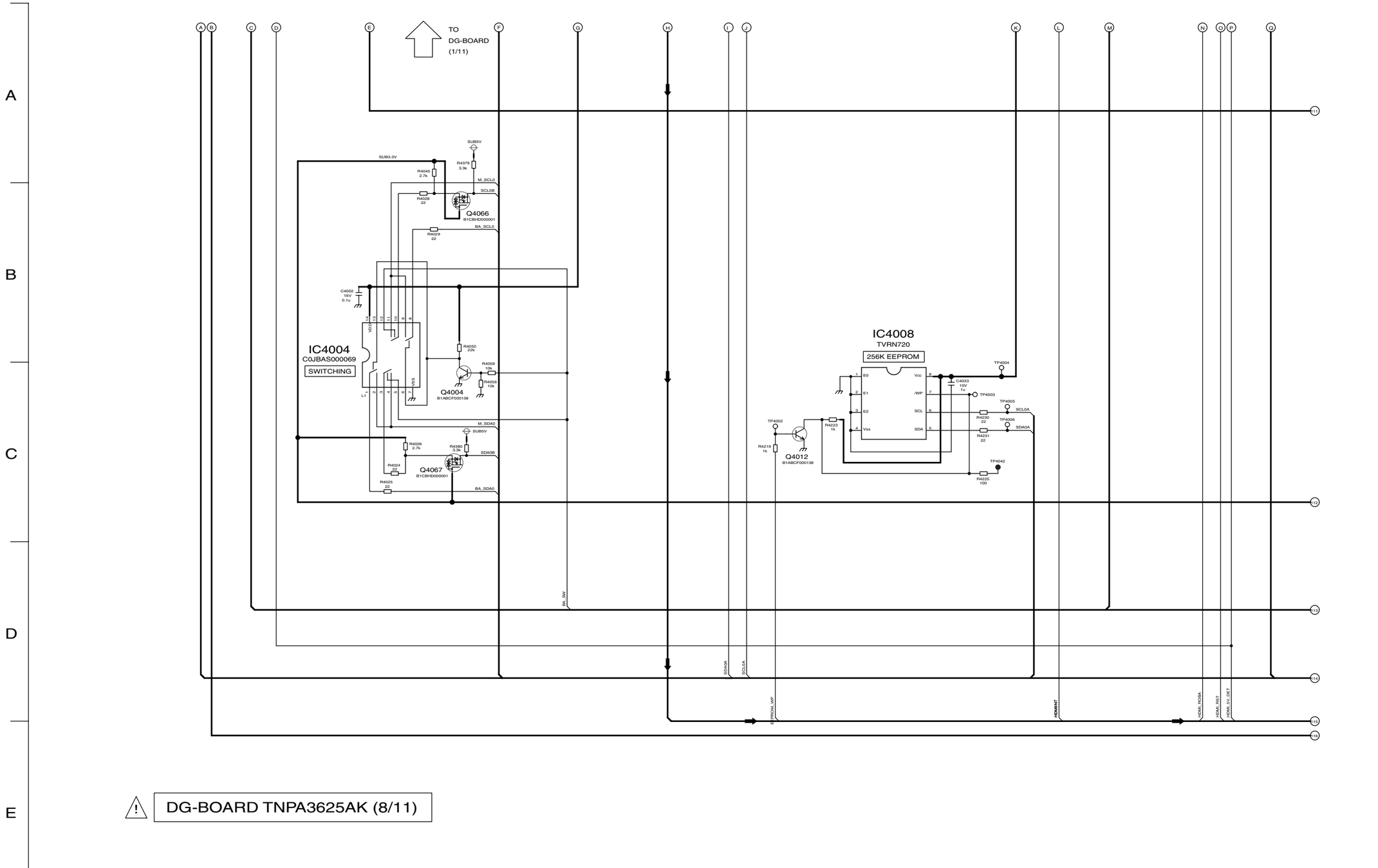


⚠ DG-BOARD TNPA3625AK (6/11)

13.29. DG-Board (7 of 11) Schematic Diagram



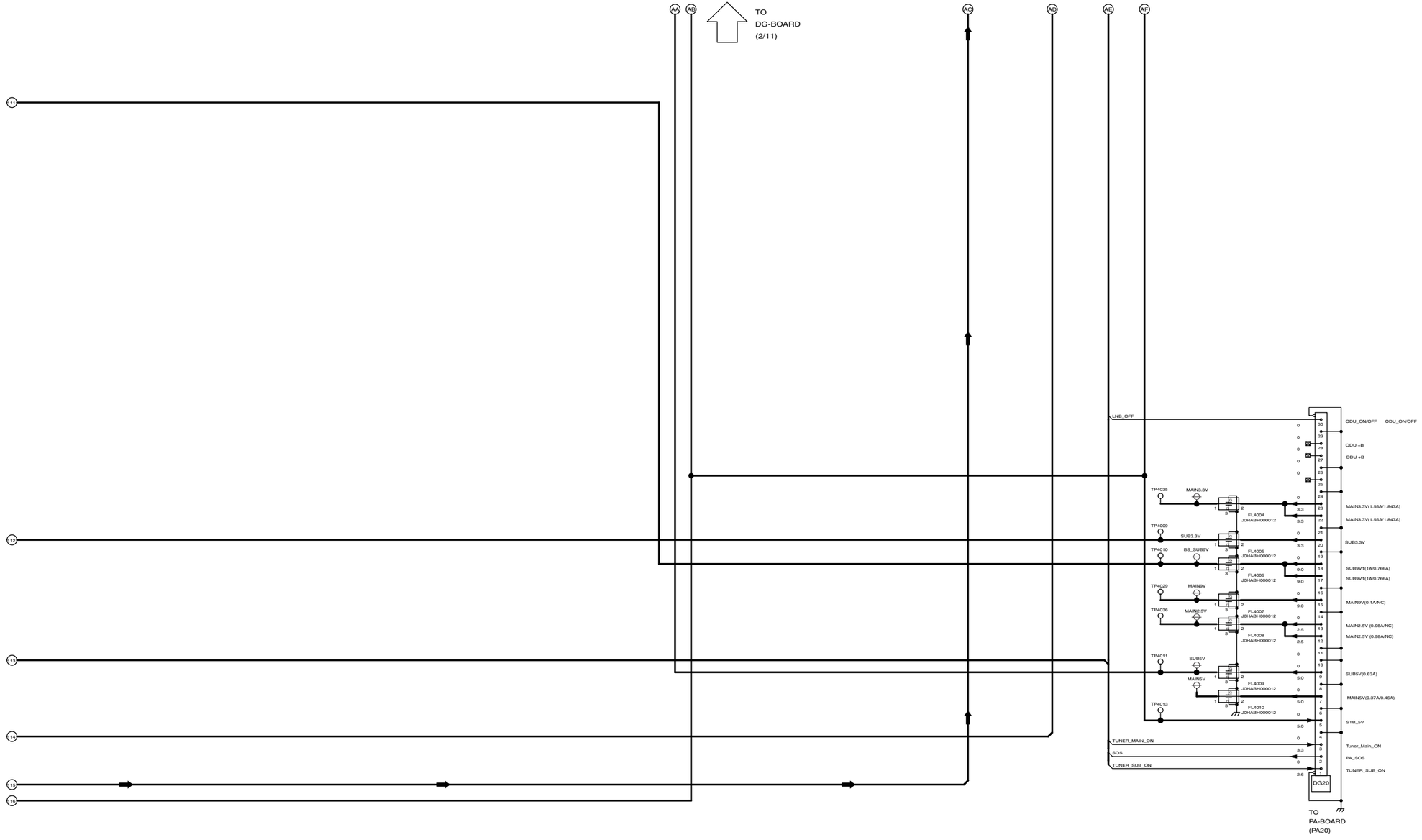
13.30. DG-Board (8 of 11) Schematic Diagram



DG-BOARD TNPA3625AK (8/11)

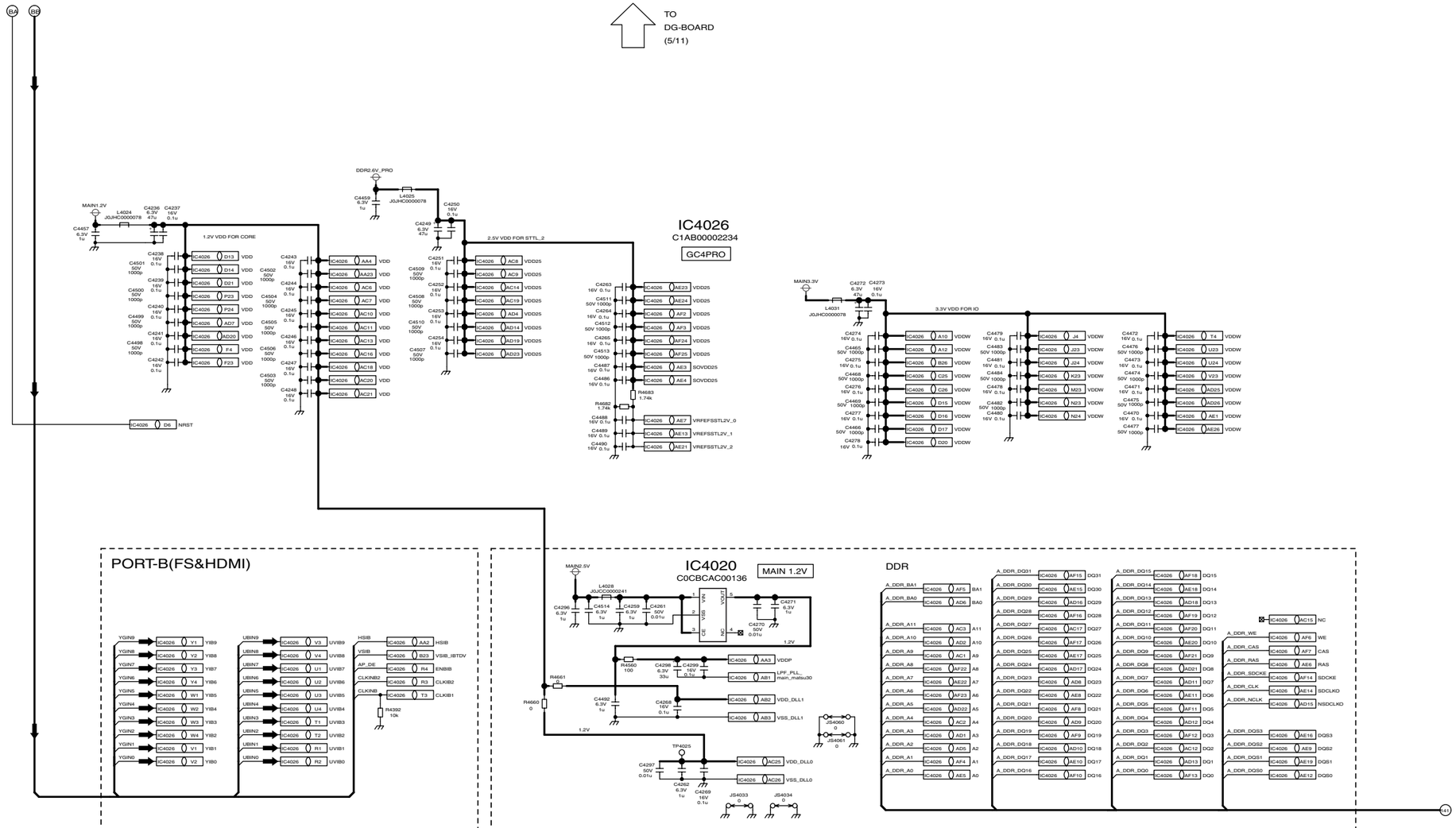
TH-42PM50U
DG-Board (8 of 11) Schematic Diagram

13.31. DG-Board (9 of 11) Schematic Diagram



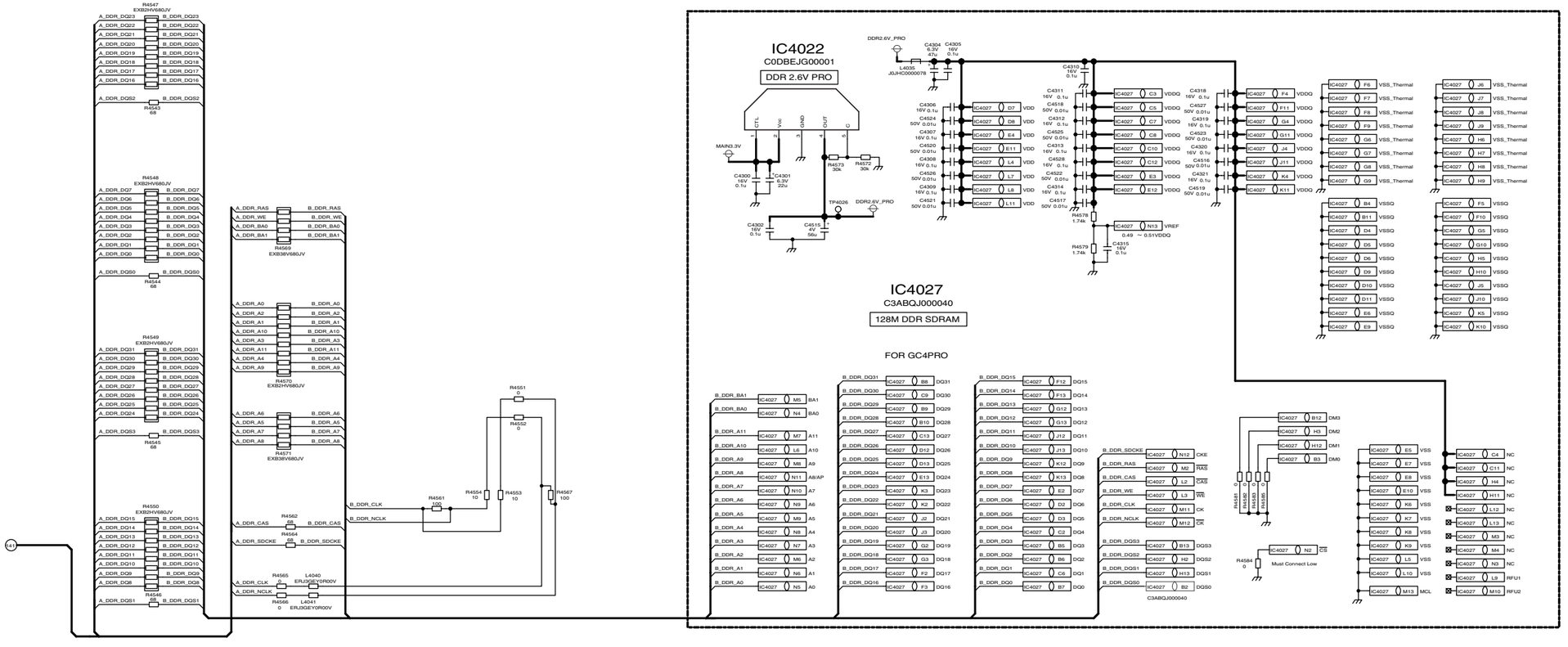
⚠ DG-BOARD TNPA3625AK (9/11)

13.32. DG-Board (10 of 11) Schematic Diagram

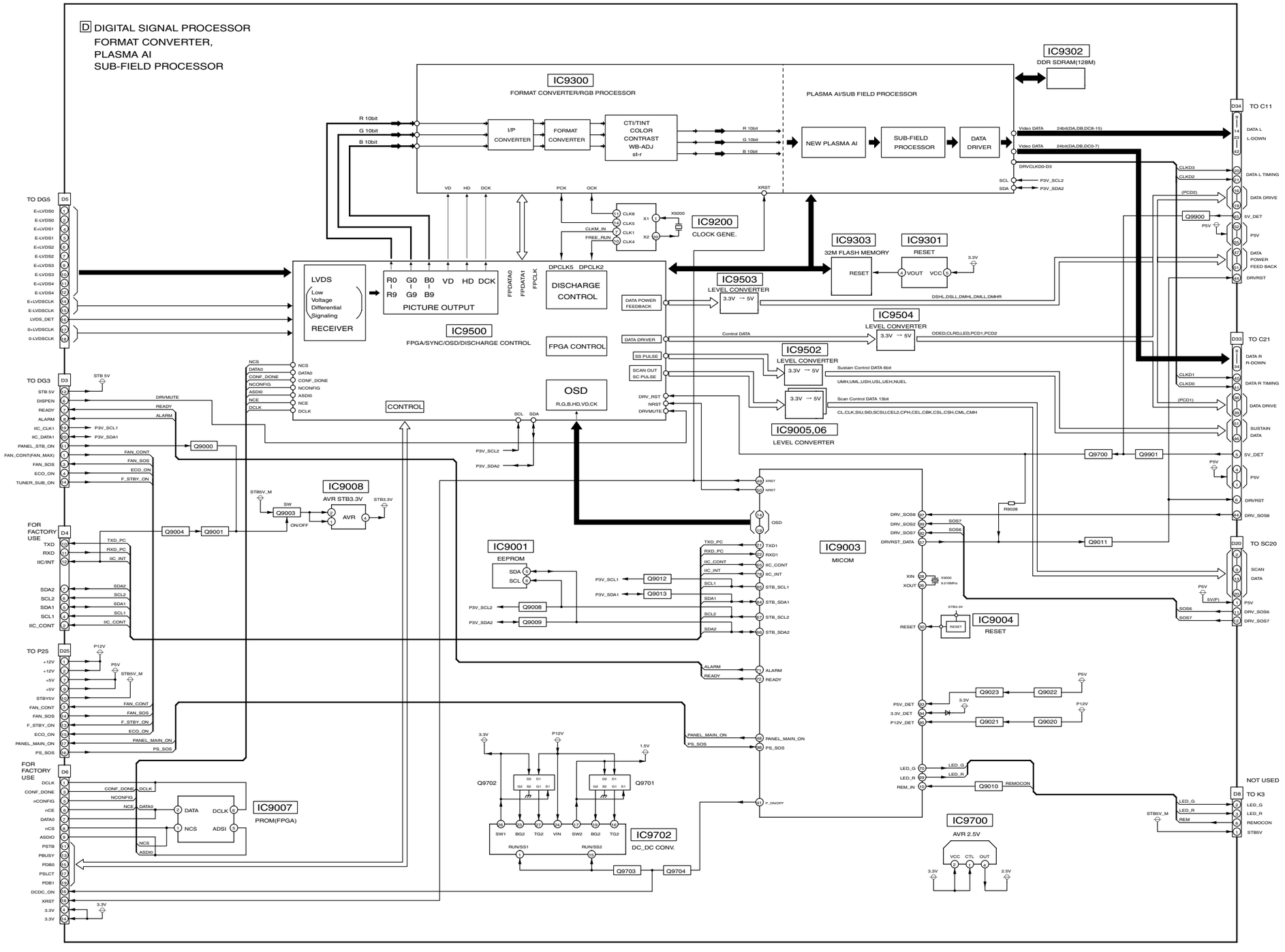


DG-BOARD TNPA3625AK (10/11)

13.33. DG-Board (11 of 11) Schematic Diagram



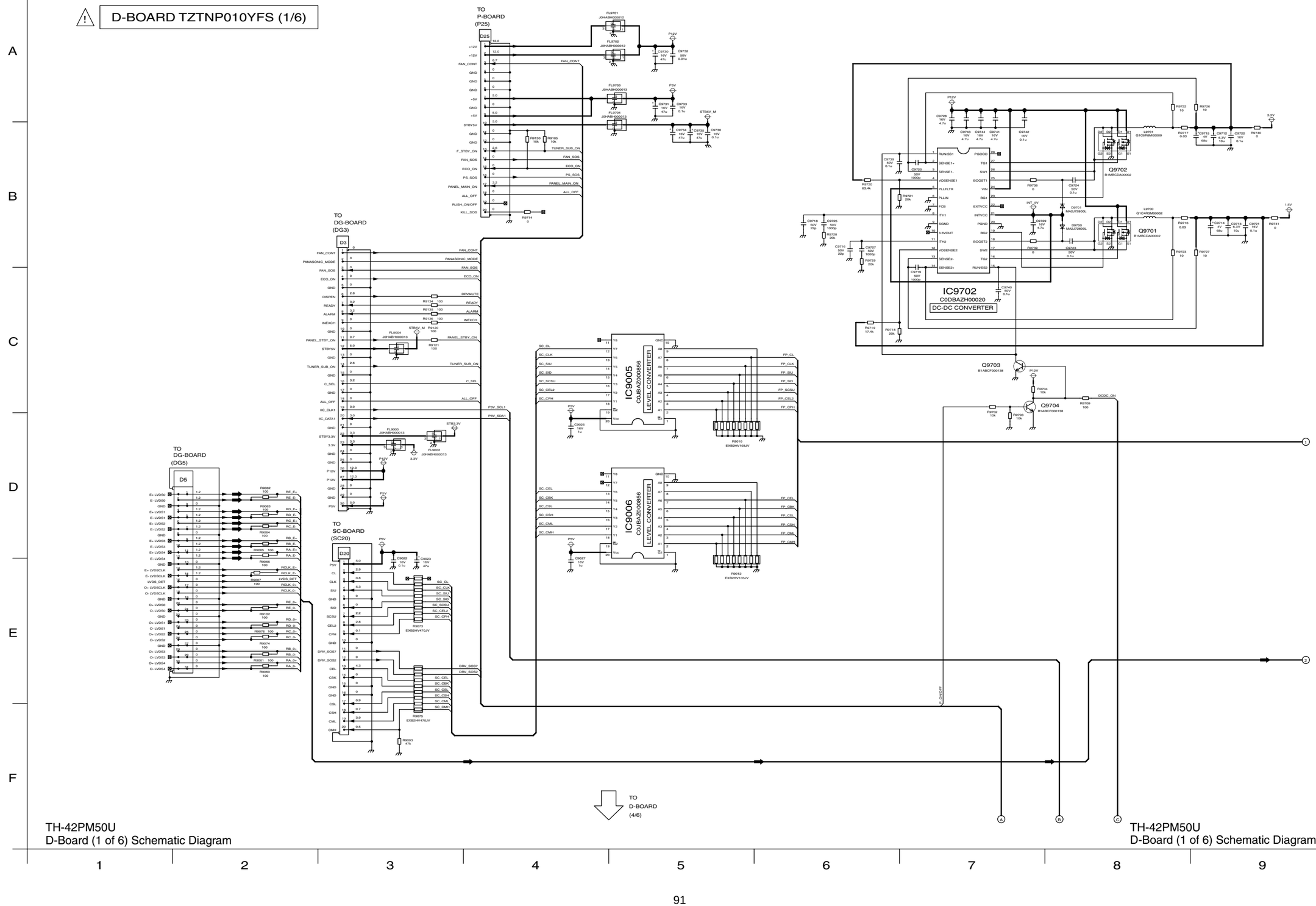
13.34. D-Board Block Diagram



TH-42PM50U
D-Board Block Diagram

13.35. D-Board (1 of 6) Schematic Diagram

D-BOARD TZTNP010YFS (1/6)



TH-42PM50U
D-Board (1 of 6) Schematic Diagram

13.36. D-Board (2 of 6) Schematic Diagram

D-BOARD TZTNP010YFS (2/6)

IC9700
C0DBEJG00001
AVR 2.5V

IC9502
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V

IC9503
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V

IC9504
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V

FPGA

SC_PULSE

LVDS_INPUT

GND

VCCI

VCCINT

DATA_DRIVER

IC9500
C1ZBZ0002599
FPGA/SYNC/OSD
DISCHARGE CONTROL

TEST PIN

OTHER

DATA POWER FEEDBACK

SS_PULSE

CLK_INPUT

TO
D-BOARD
(5/6)

IC9301
C0EBE0000066
RESET

CPG

IC9200
C1ZBZ0002766
CLOCK GENE.

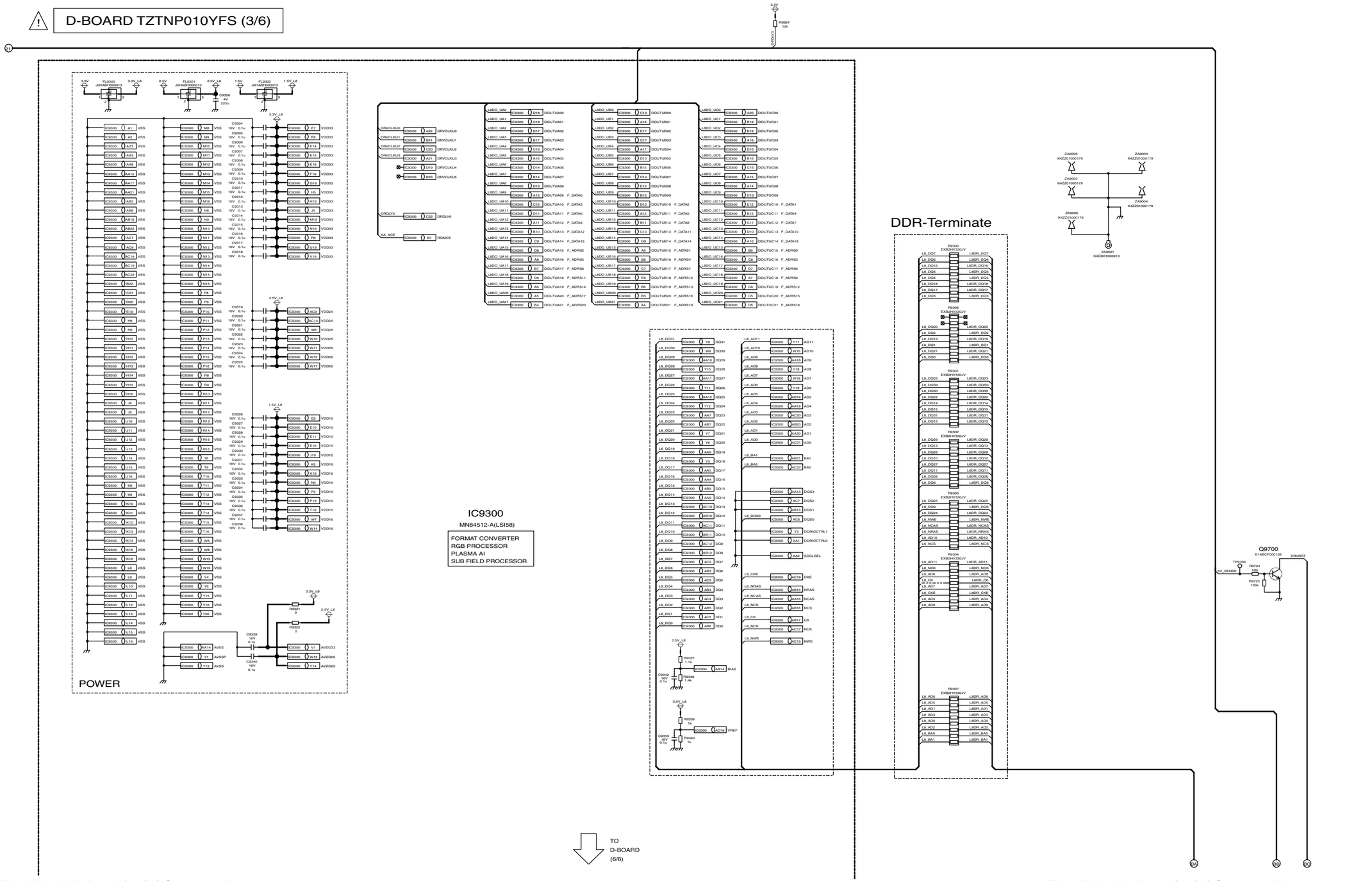
32M_FLASH_MEMORY

IC9303
C3FBND00172

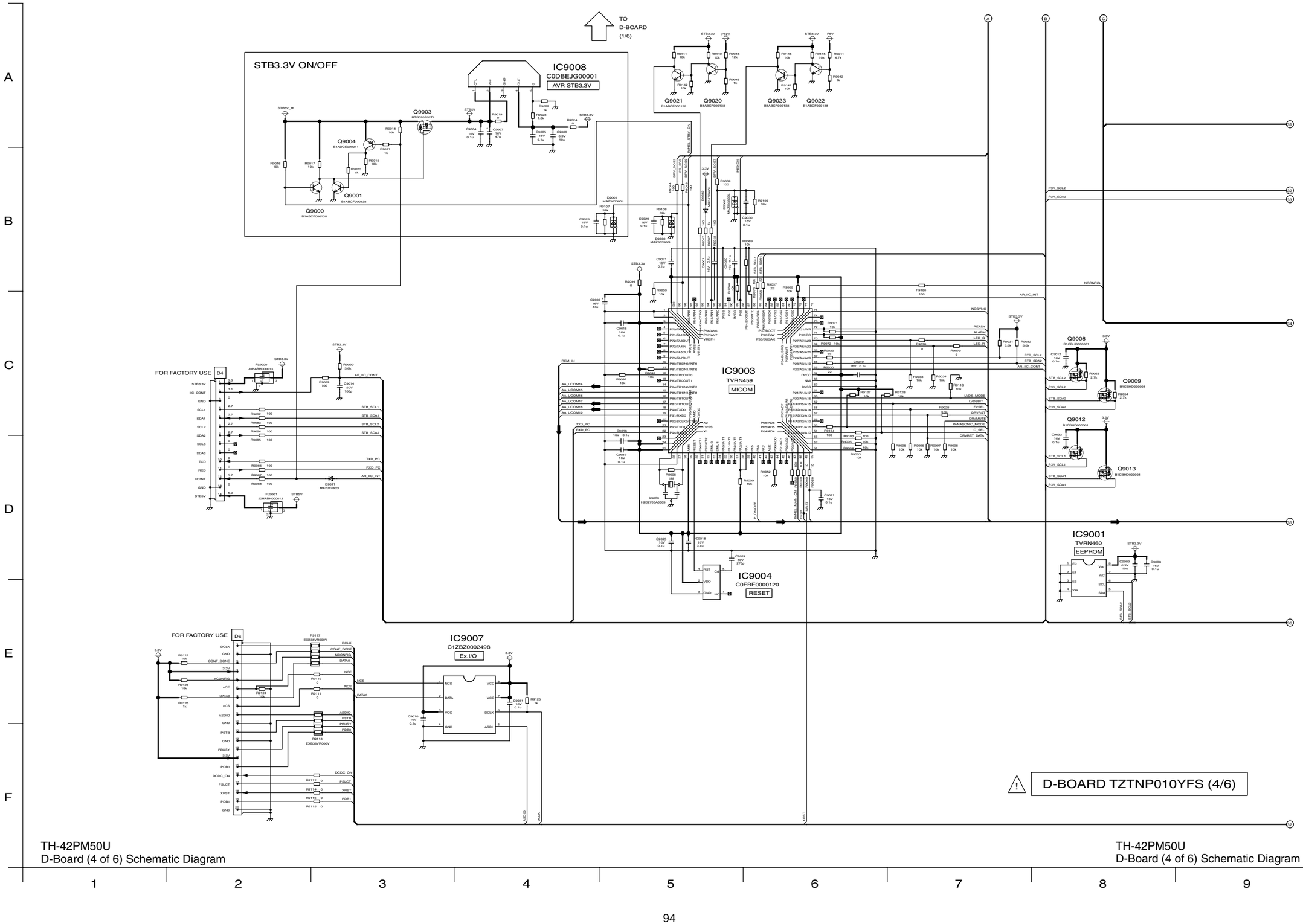
TH-42PM50U D-Board (2 of 6) Schematic Diagram

13.37. D-Board (3 of 6) Schematic Diagram

D-BOARD TZTNP010YFS (3/6)



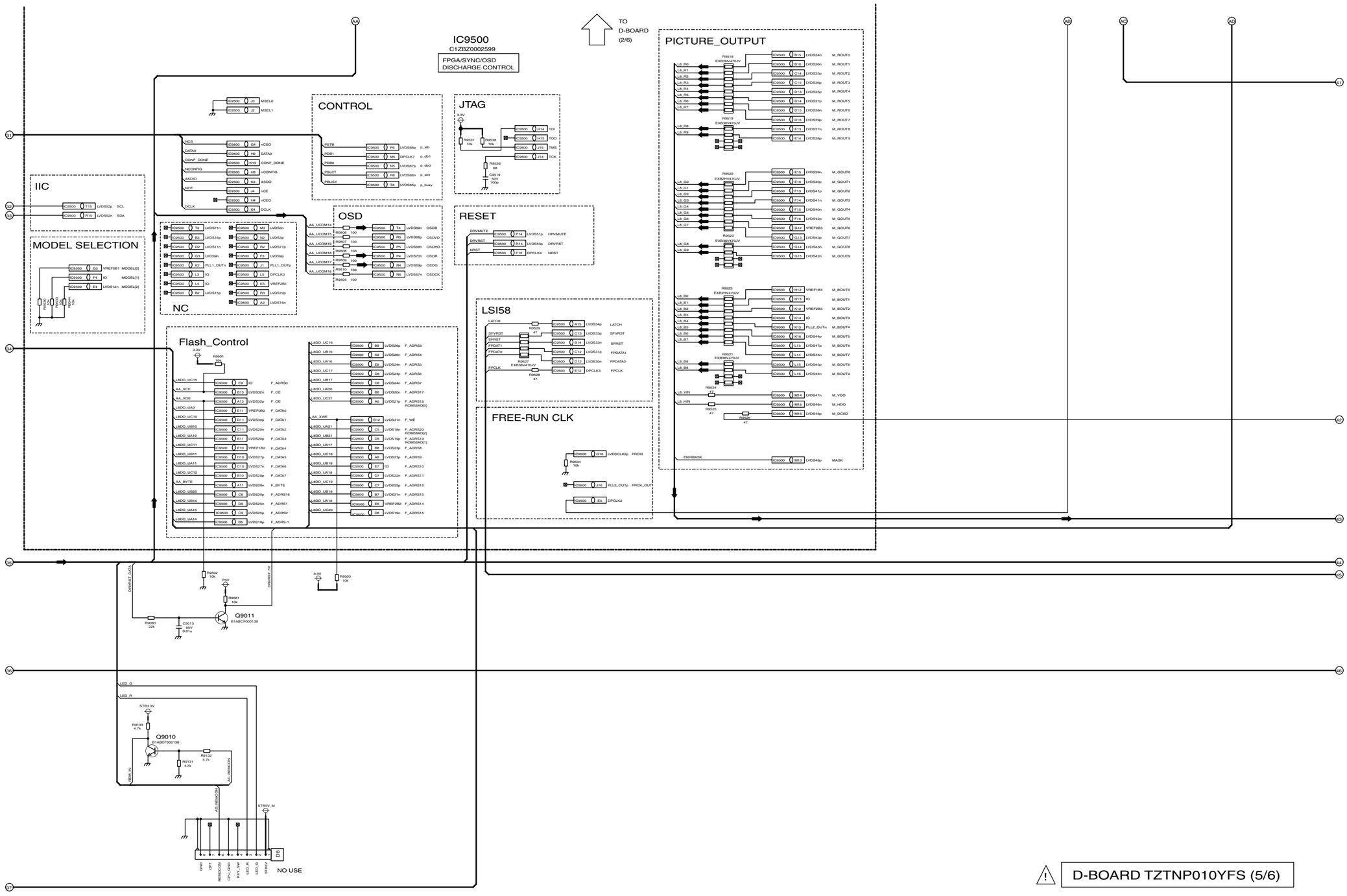
13.38. D-Board (4 of 6) Schematic Diagram



TH-42PM50U
D-Board (4 of 6) Schematic Diagram

TH-42PM50U
D-Board (4 of 6) Schematic Diagram

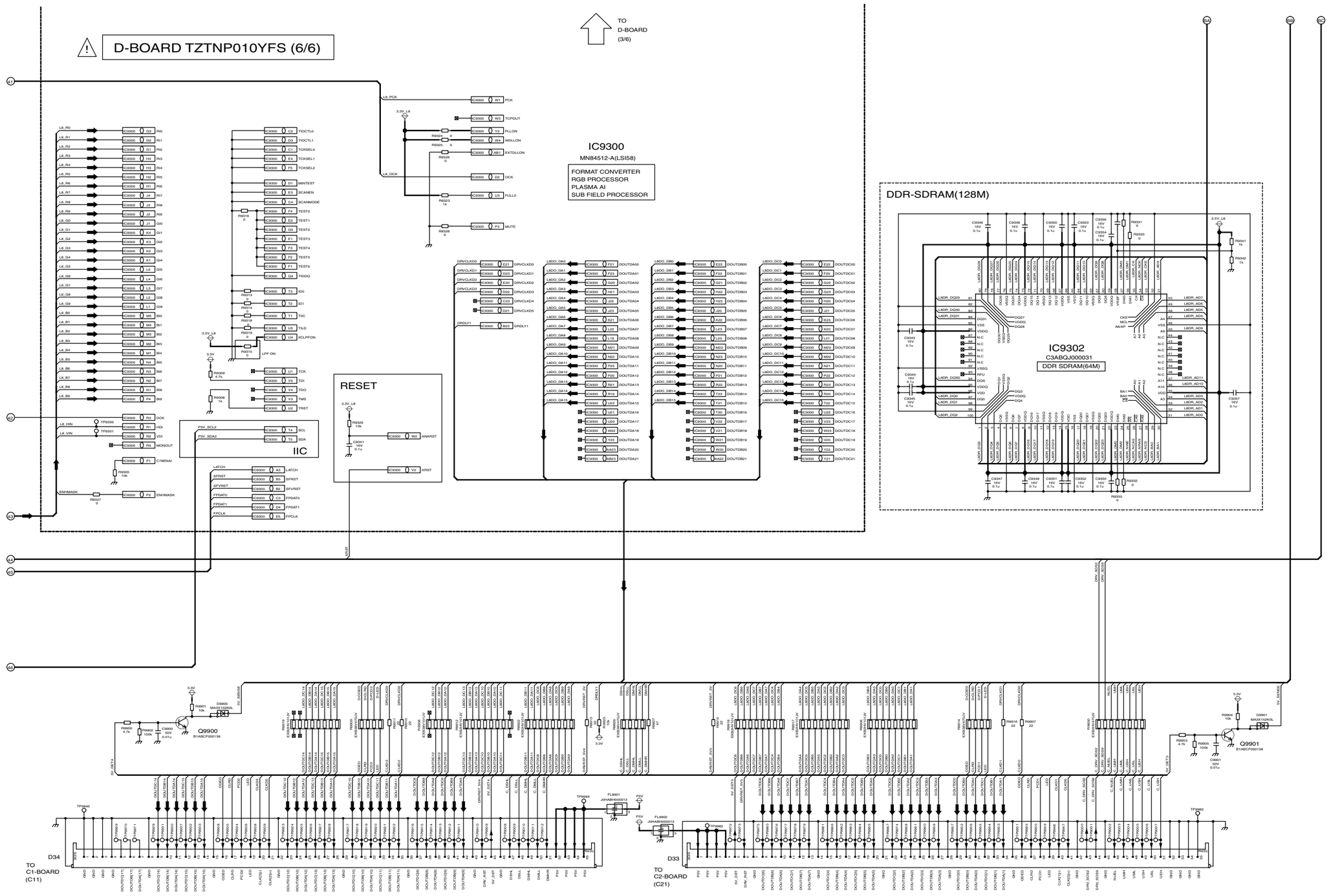
13.39. D-Board (5 of 6) Schematic Diagram



TH-42PM50U
D-Board (5 of 6) Schematic Diagram

TH-42PM50U
D-Board (5 of 6) Schematic Diagram

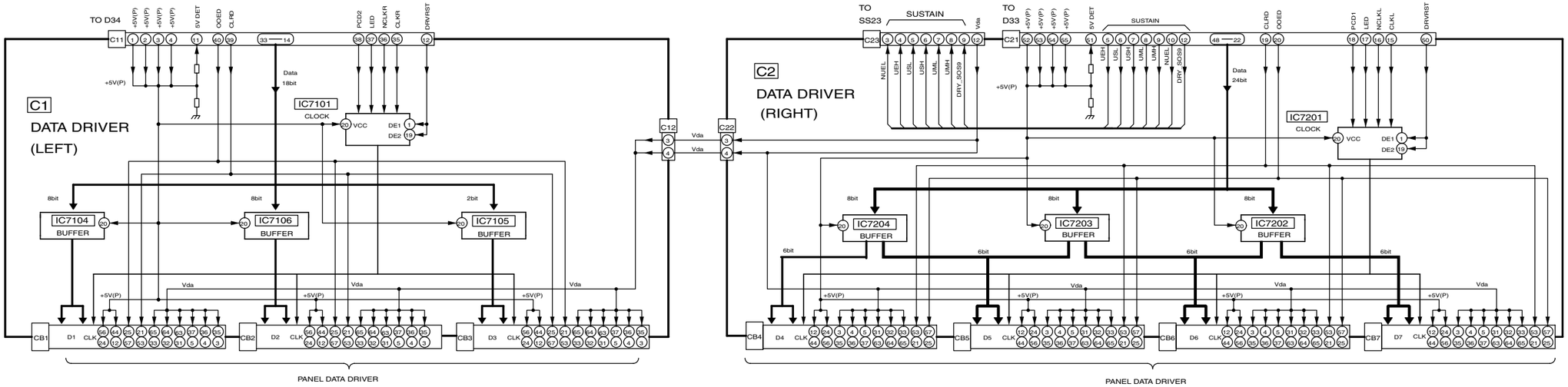
13.40. D-Board (6 of 6) Schematic Diagram



TH-42PM50U
D-Board (6 of 6) Schematic Diagram

TH-42PM50U
D-Board (6 of 6) Schematic Diagram

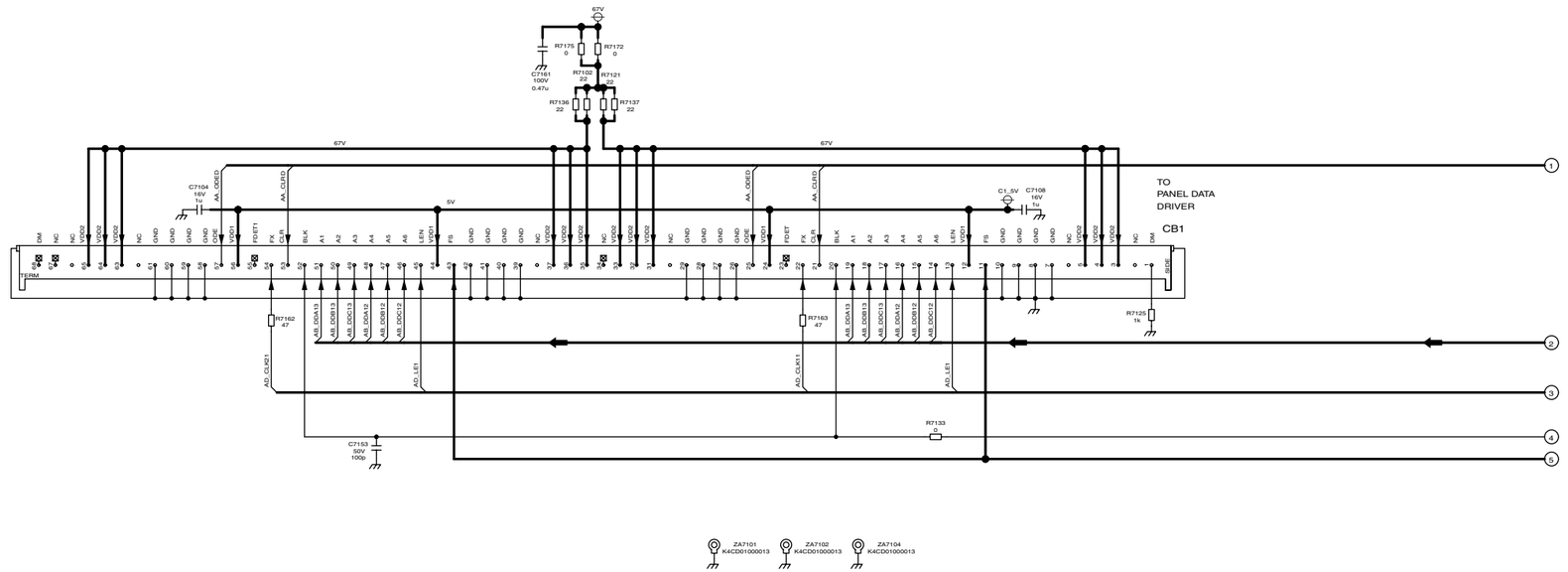
13.41. C1 and C2-Board Block Diagram



TH-42PM50U
C1 and C2-Board Block Diagram

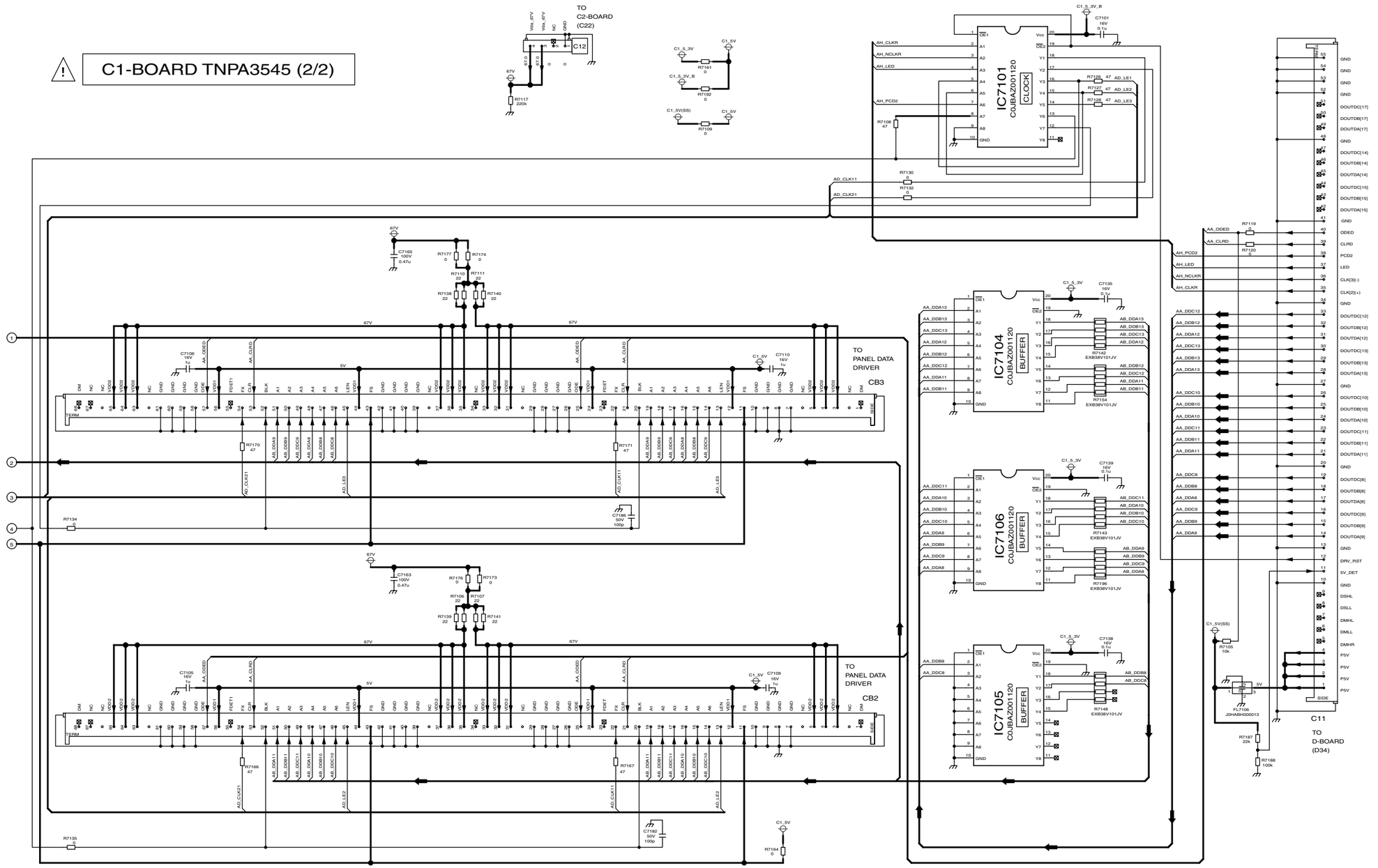
13.42. C1-Board (1 of 2) Schematic Diagram

C1-BOARD TNPA3545 (1/2)



TH-42PM50U
C1-Board (1 of 2) Schematic Diagram

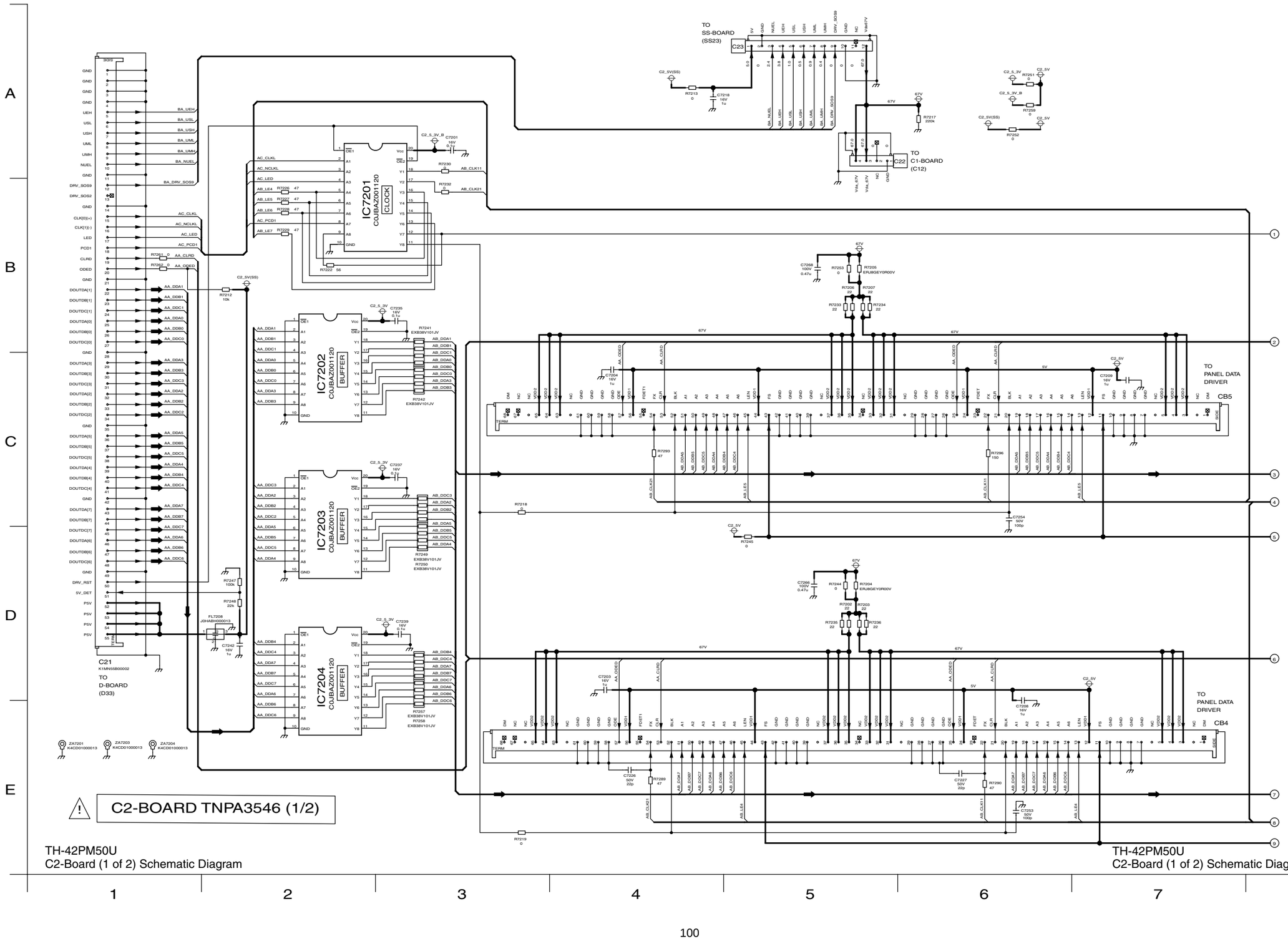
13.43. C1-Board (2 of 2) Schematic Diagram



TH-42PM50U
C1-Board (2 of 2) Schematic Diagram

TH-42PM50U
C1-Board (2 of 2) Schematic Diagram

13.44. C2-Board (1 of 2) Schematic Diagram

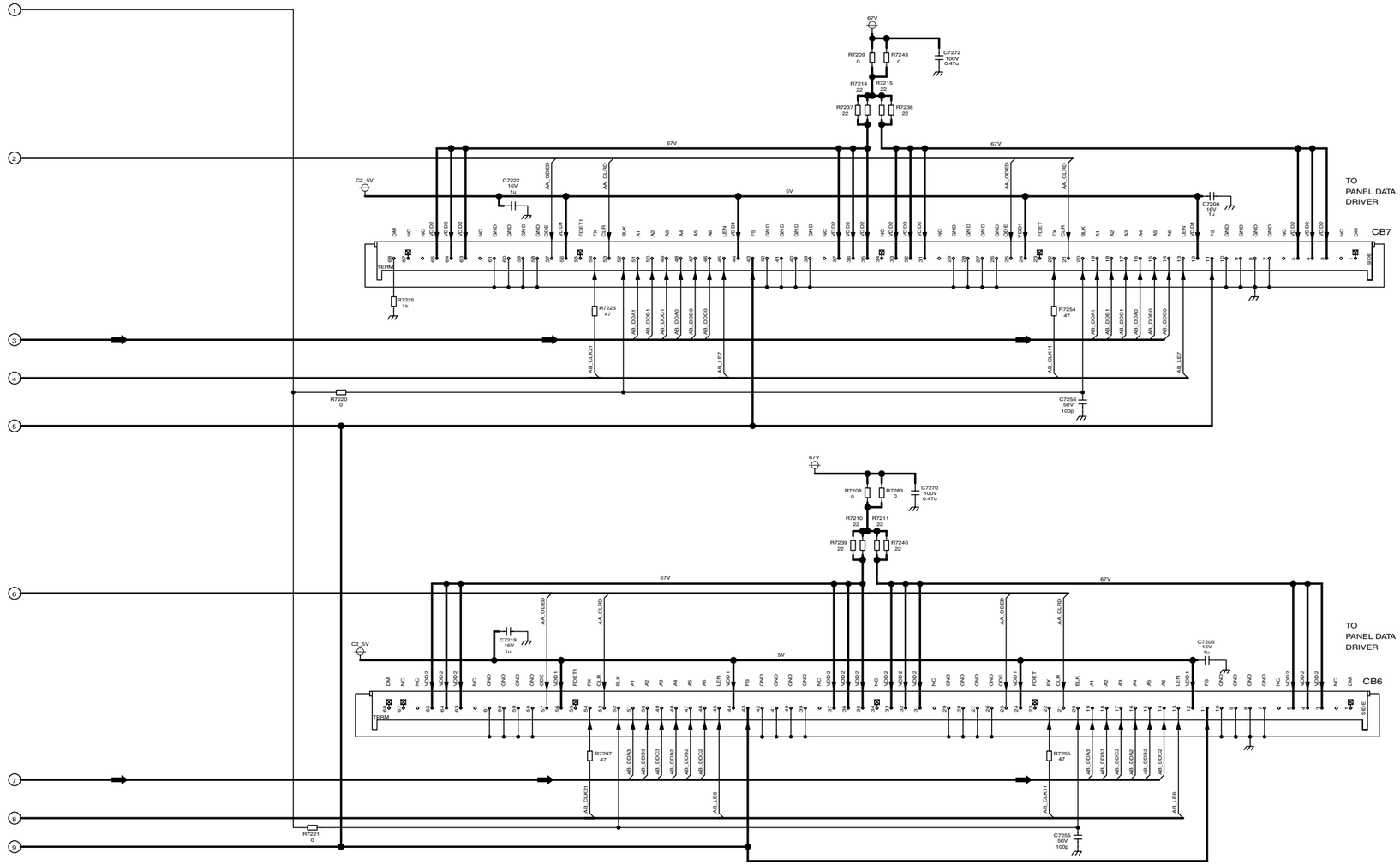


TH-42PM50U
C2-Board (1 of 2) Schematic Diagram

TH-42PM50U
C2-Board (1 of 2) Schematic Diagram

13.45. C2-Board (2 of 2) Schematic Diagram

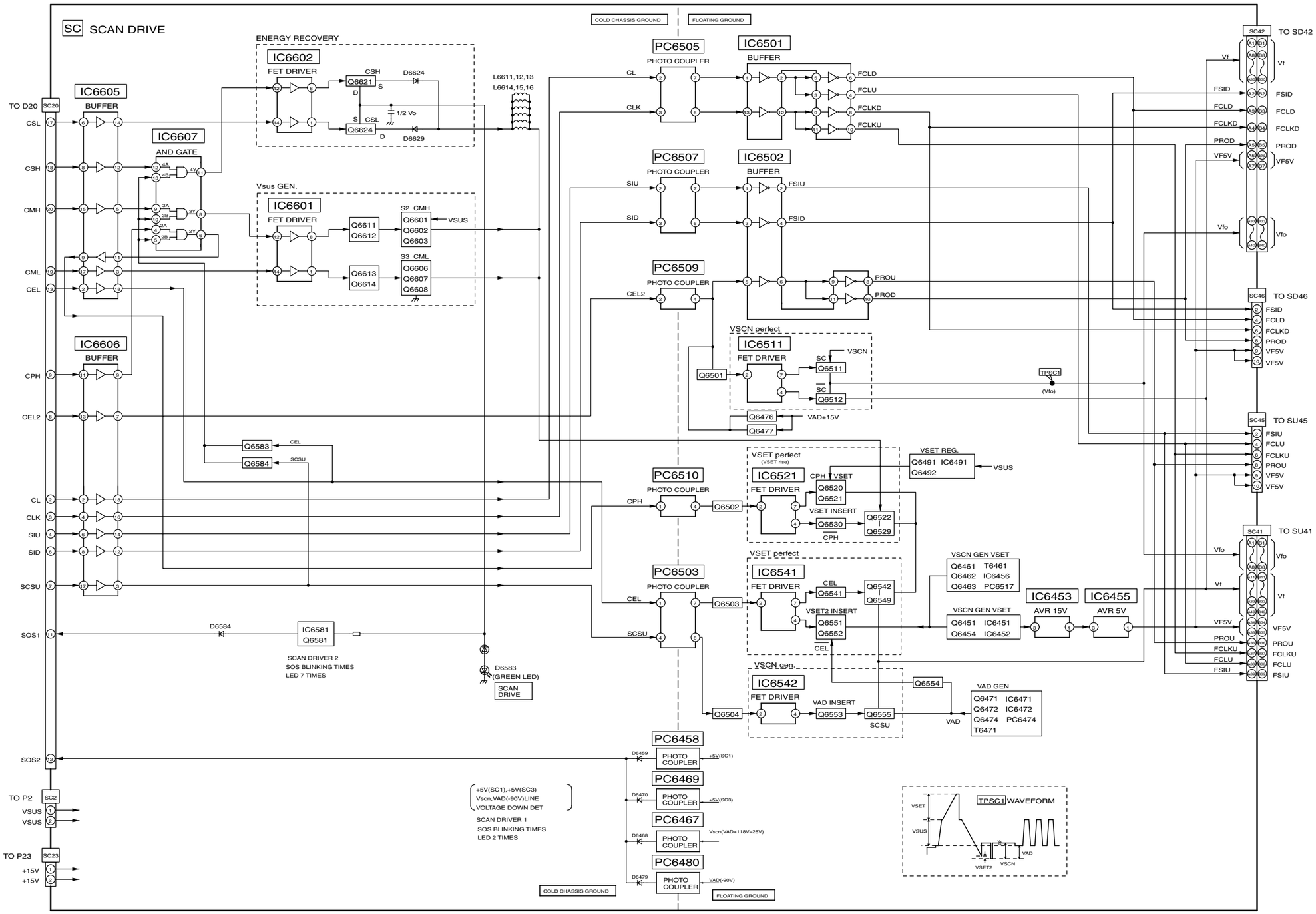
C2-BOARD TNPA3546 (2/2)



TH-42PM50U C2-Board (2 of 2) Schematic Diagram

TH-42PM50U
C2-Board (2 of 2) Schematic Diagram

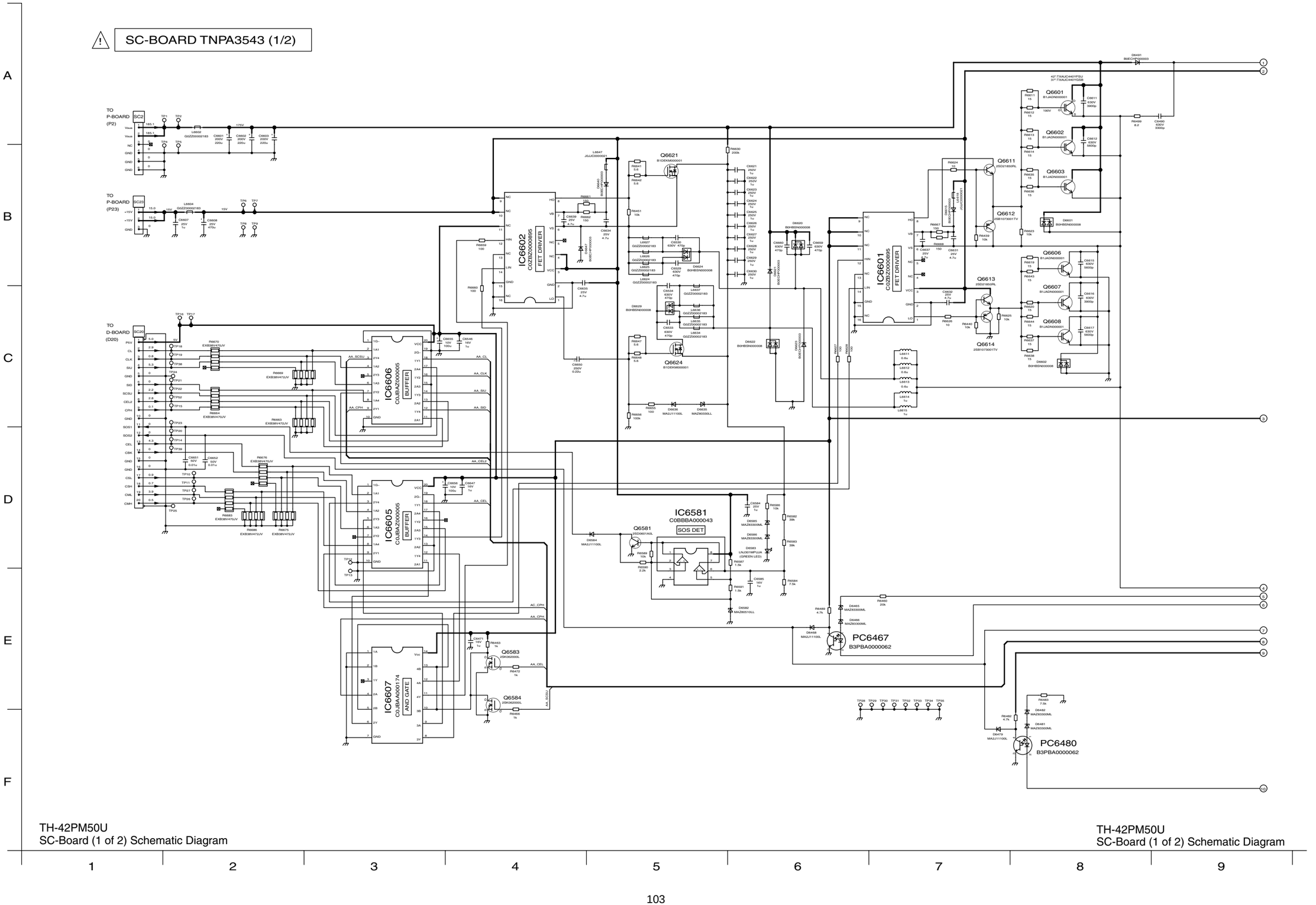
13.46. SC-Board Block Diagram



TH-42PM50U
SC-Board Block Diagram

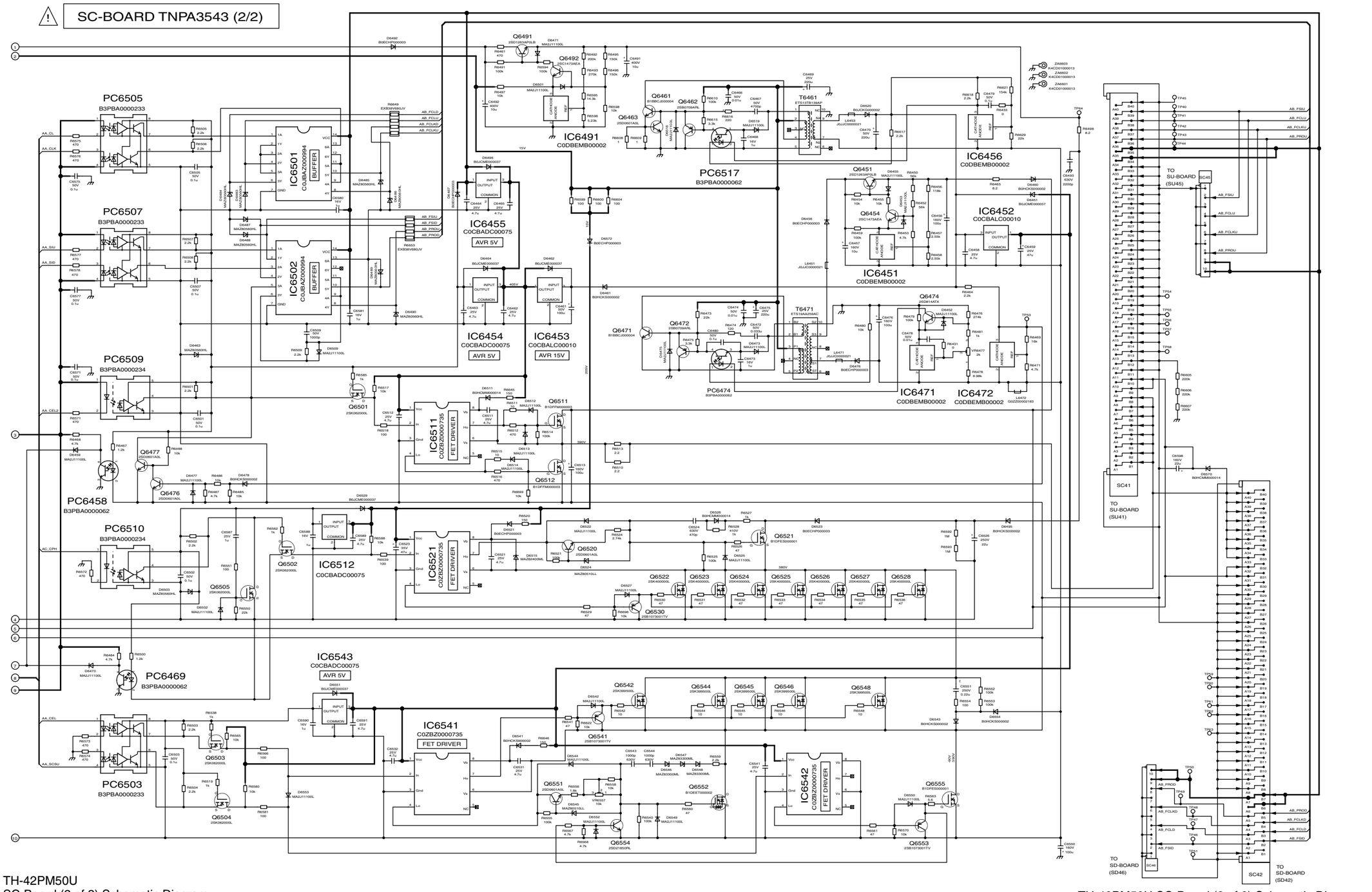
TH-42PM50U
SC-Board Block Diagram

13.47. SC-Board (1 of 2) Schematic Diagram



TH-42PM50U
SC-Board (1 of 2) Schematic Diagram

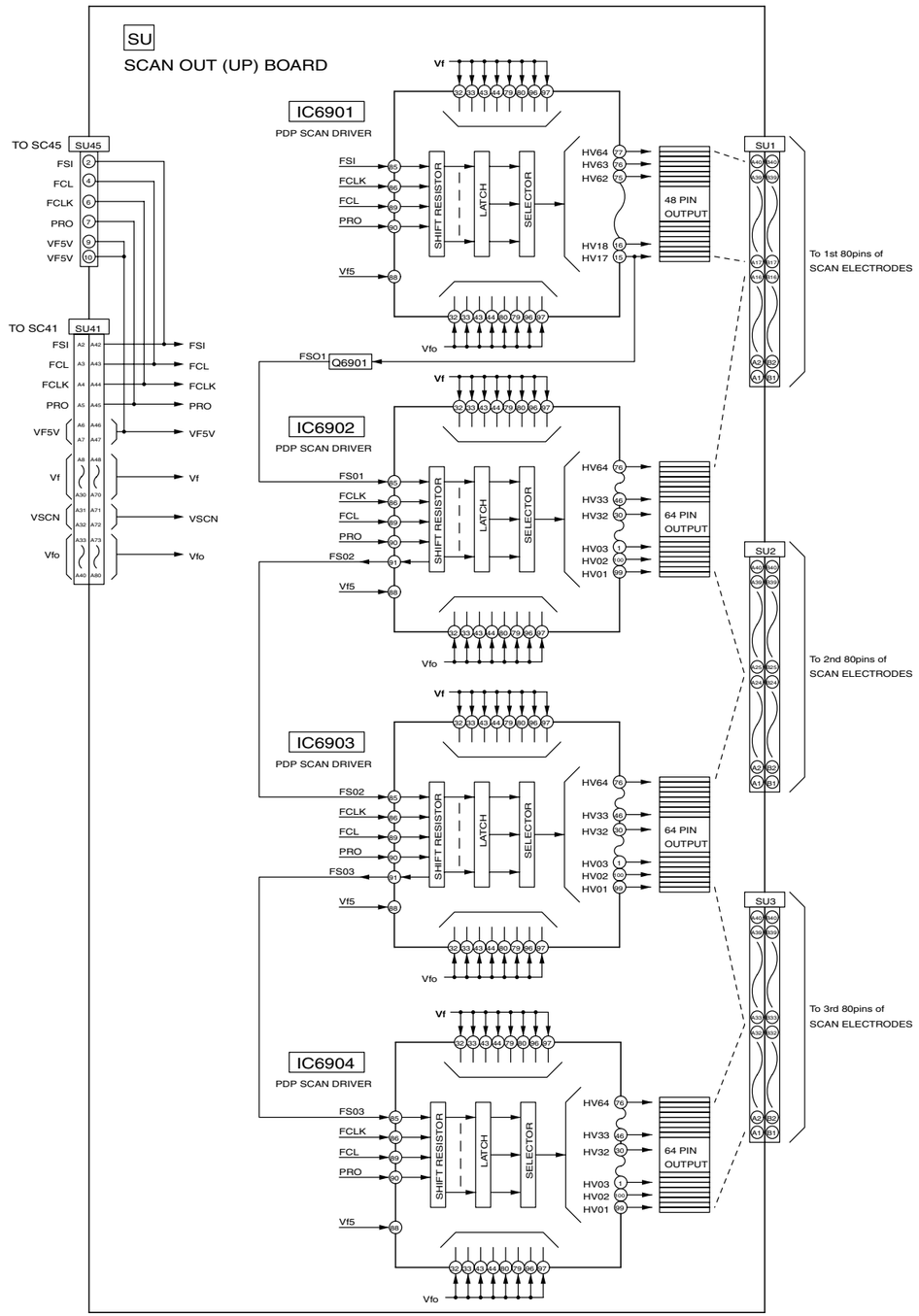
13.48. SC-Board (2 of 2) Schematic Diagram



TH-42PM50U
SC-Board (2 of 2) Schematic Diagram

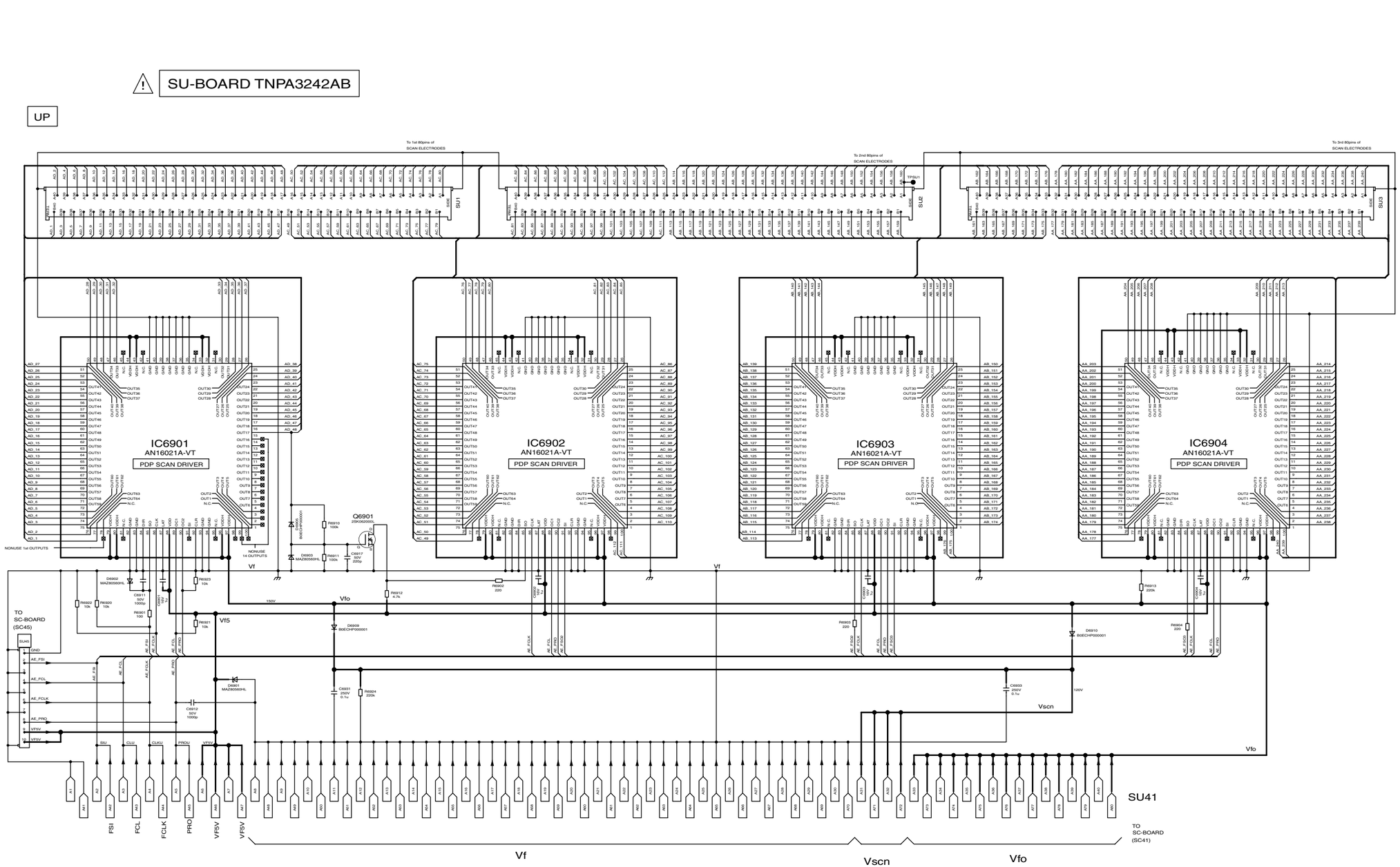
TH-42PM50U SC-Board (2 of 2) Schematic Diagram

13.49. SU-Board Block Diagram



TH-42PM50U
SU-Board Block Diagram

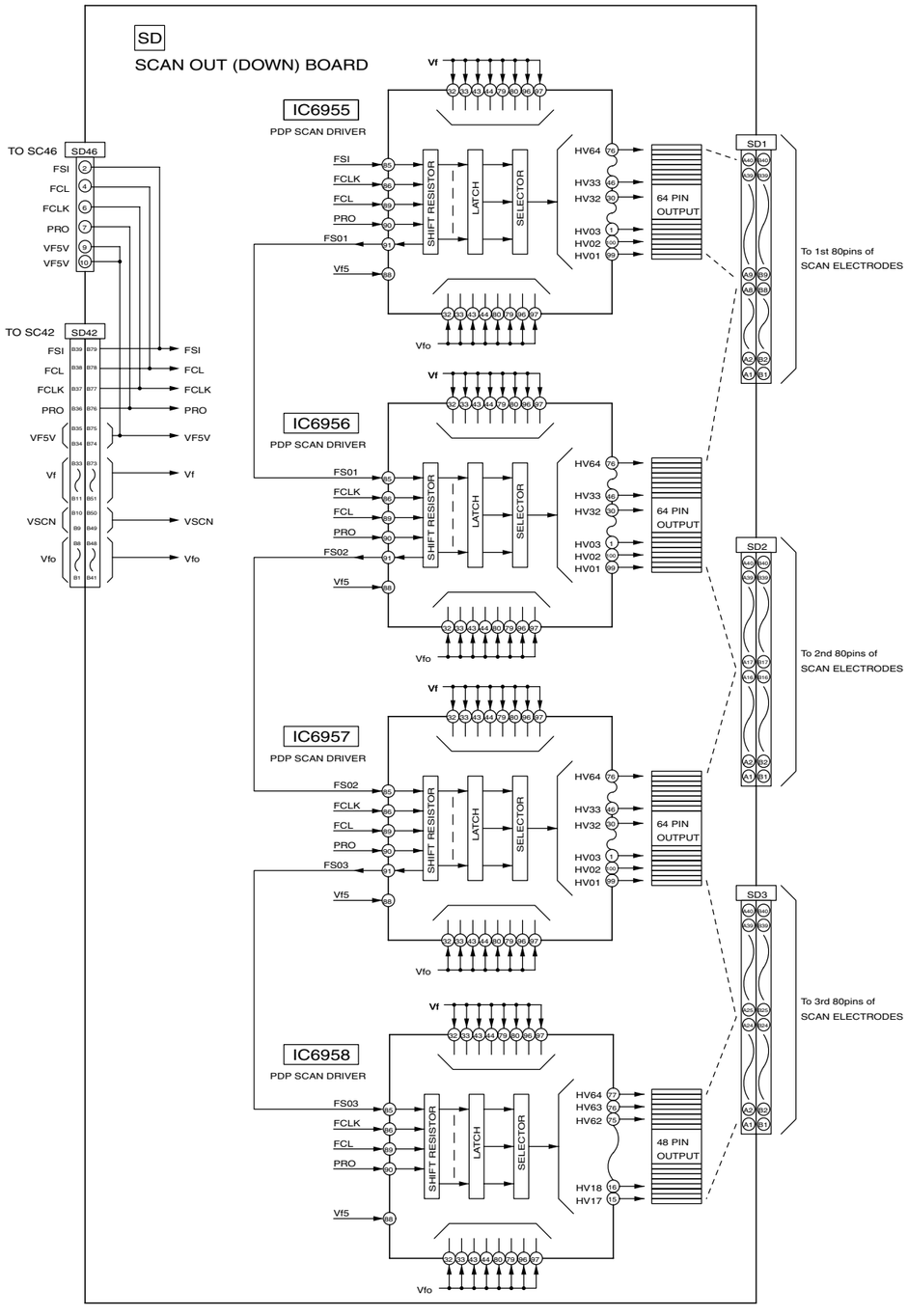
13.50. SU-Board Schematic Diagram



TH-42PM50U
SU-Board Schematic Diagram

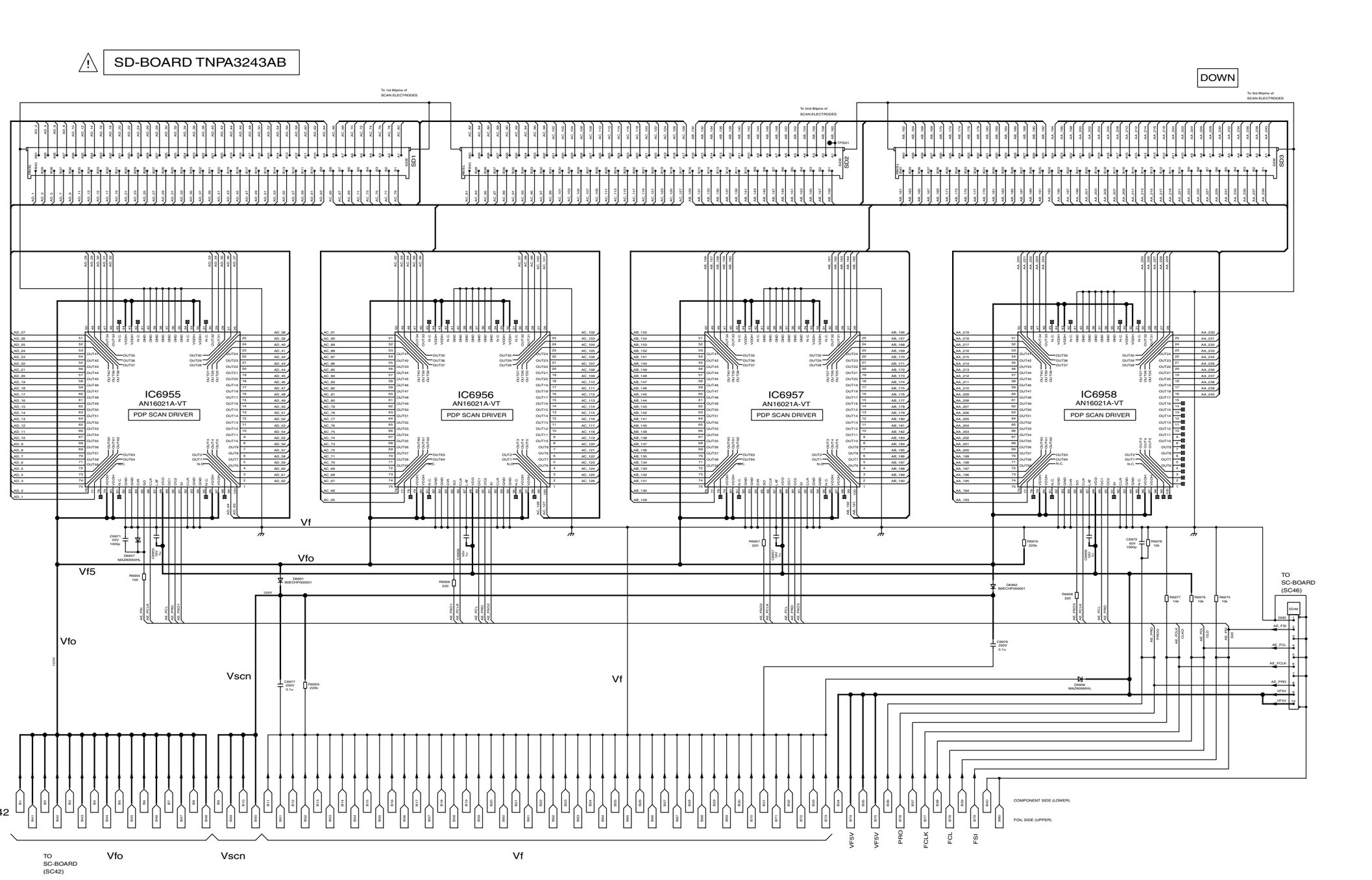
TH-42PM50U
SU-Board Schematic Diagram

13.51. SD-Board Block Diagram

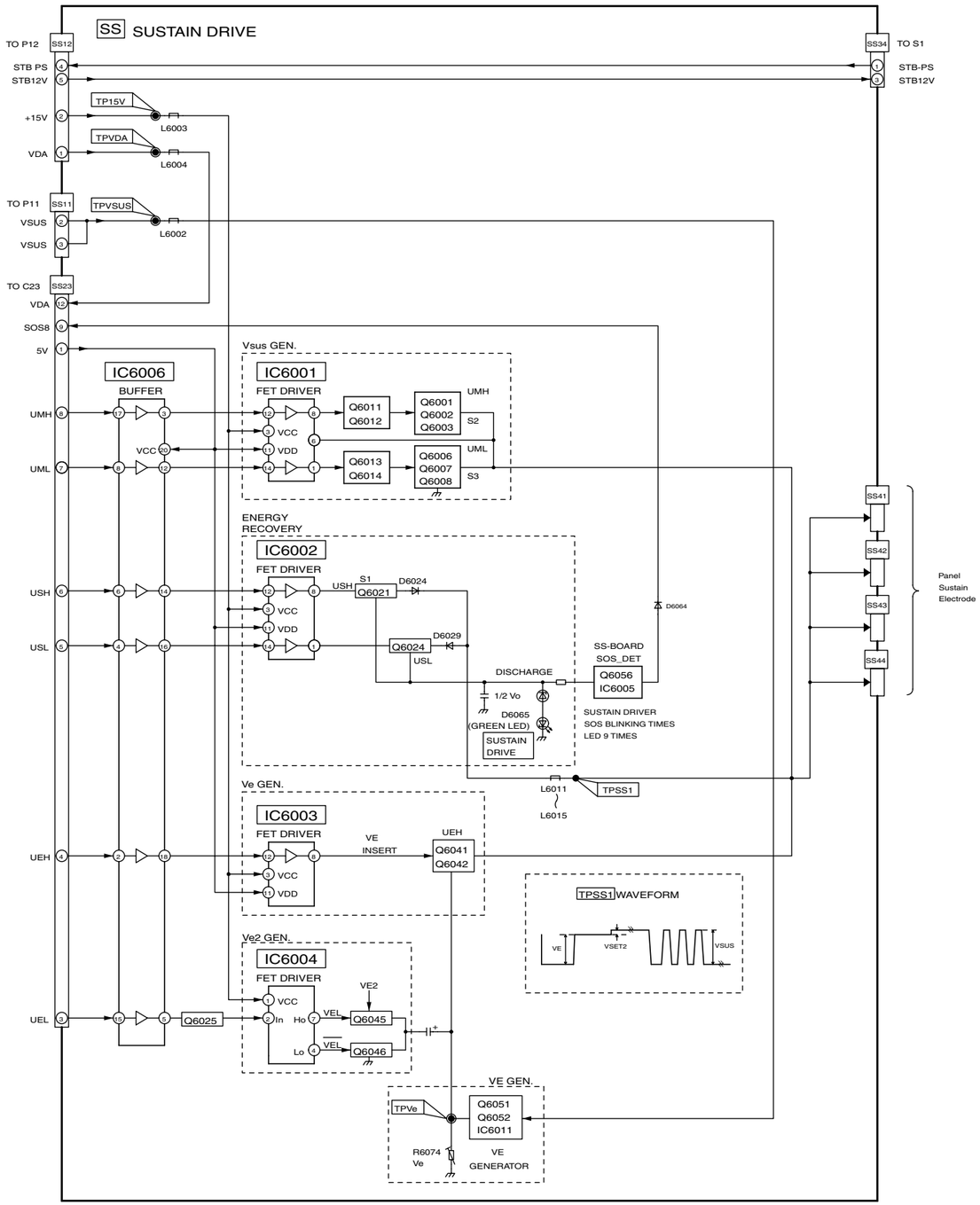


TH-42PM50U
SD-Board Block Diagram

13.52. SD-Board Schematic Diagram



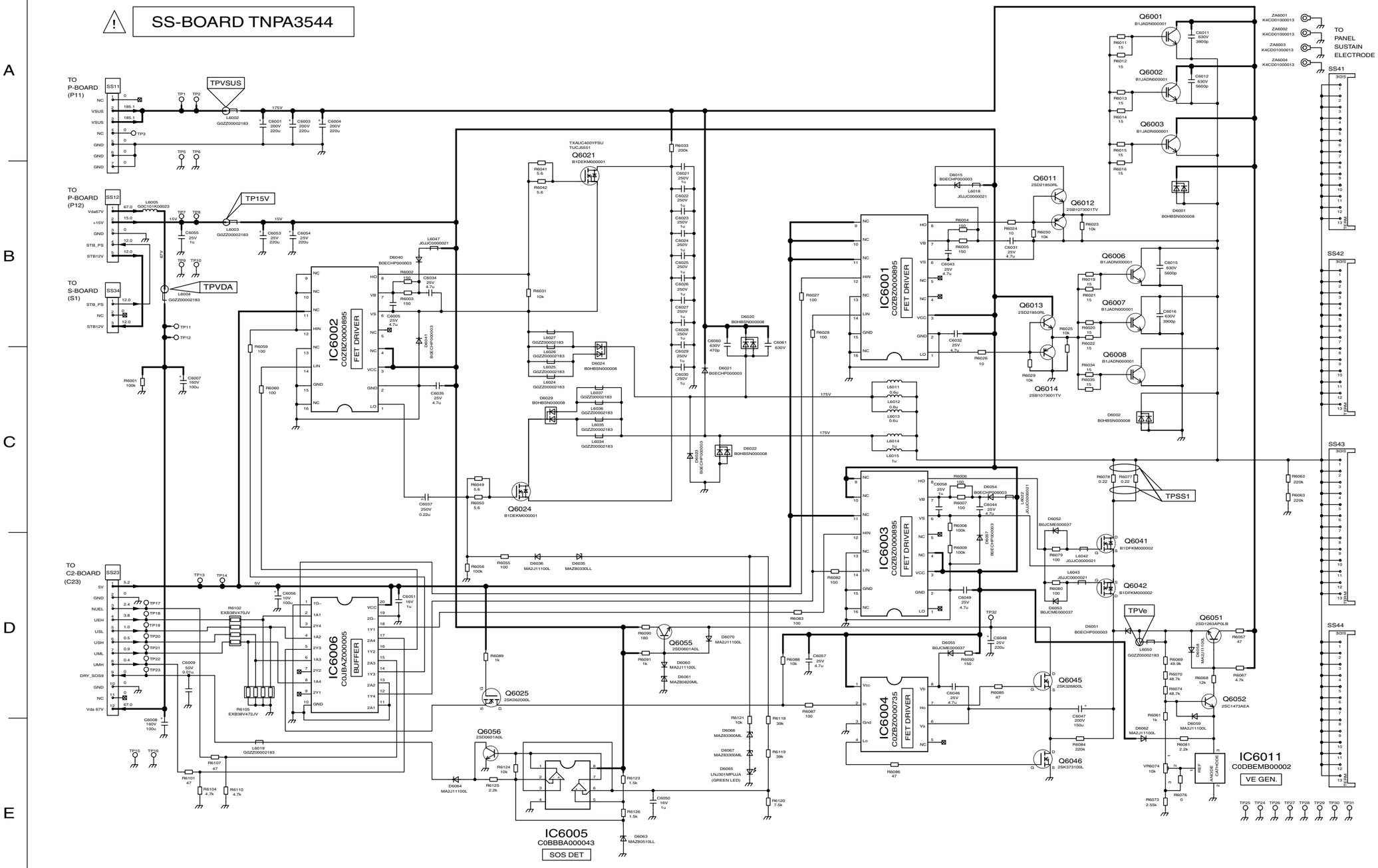
13.53. SS-Board Block Diagram



TH-42PM50U
SS-Board Block Diagram

TH-42PM50U
SS-Board Block Diagram

13.54. SS-Board Schematic Diagram

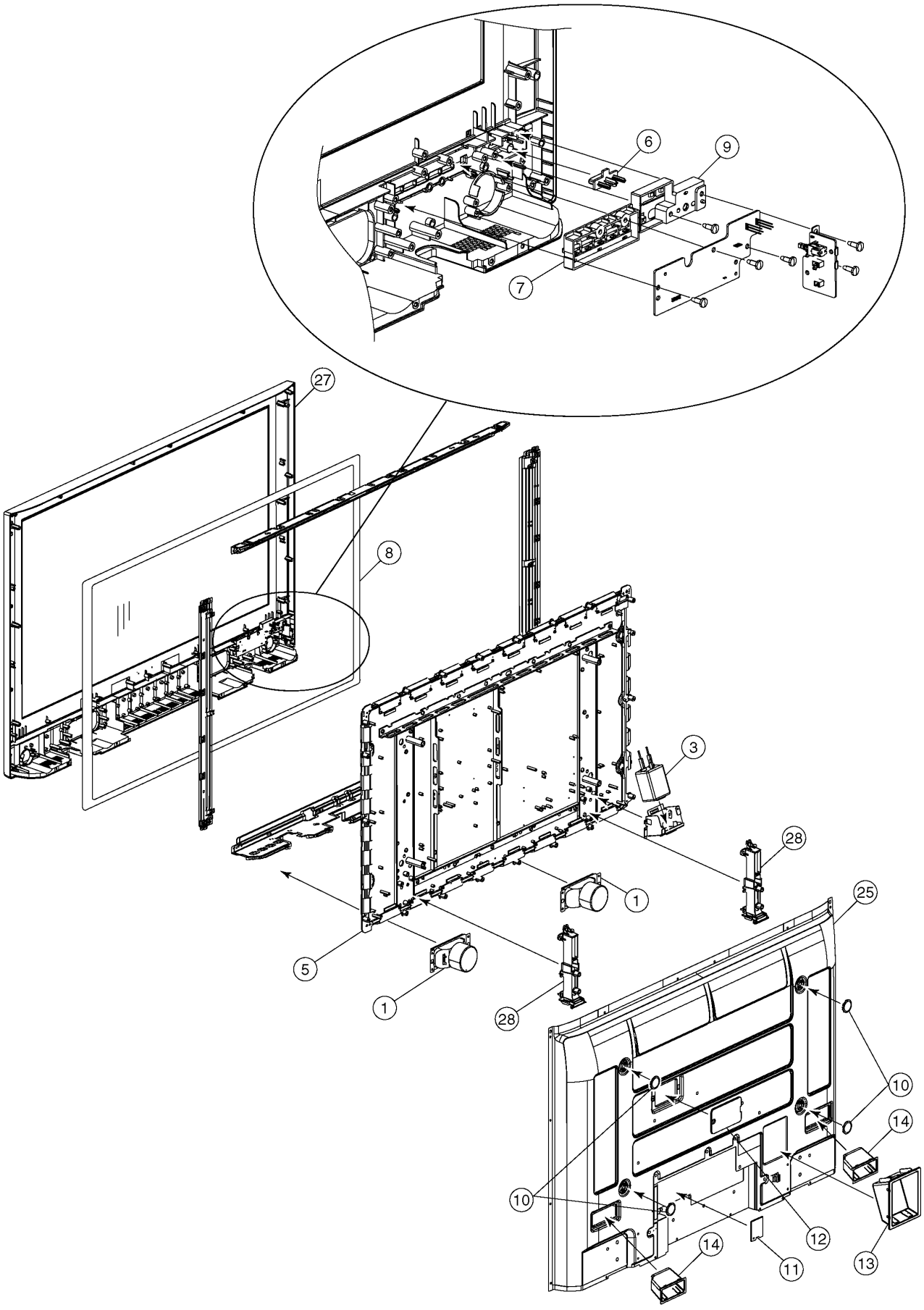


TH-42PM50U
SS-Board Schematic Diagram

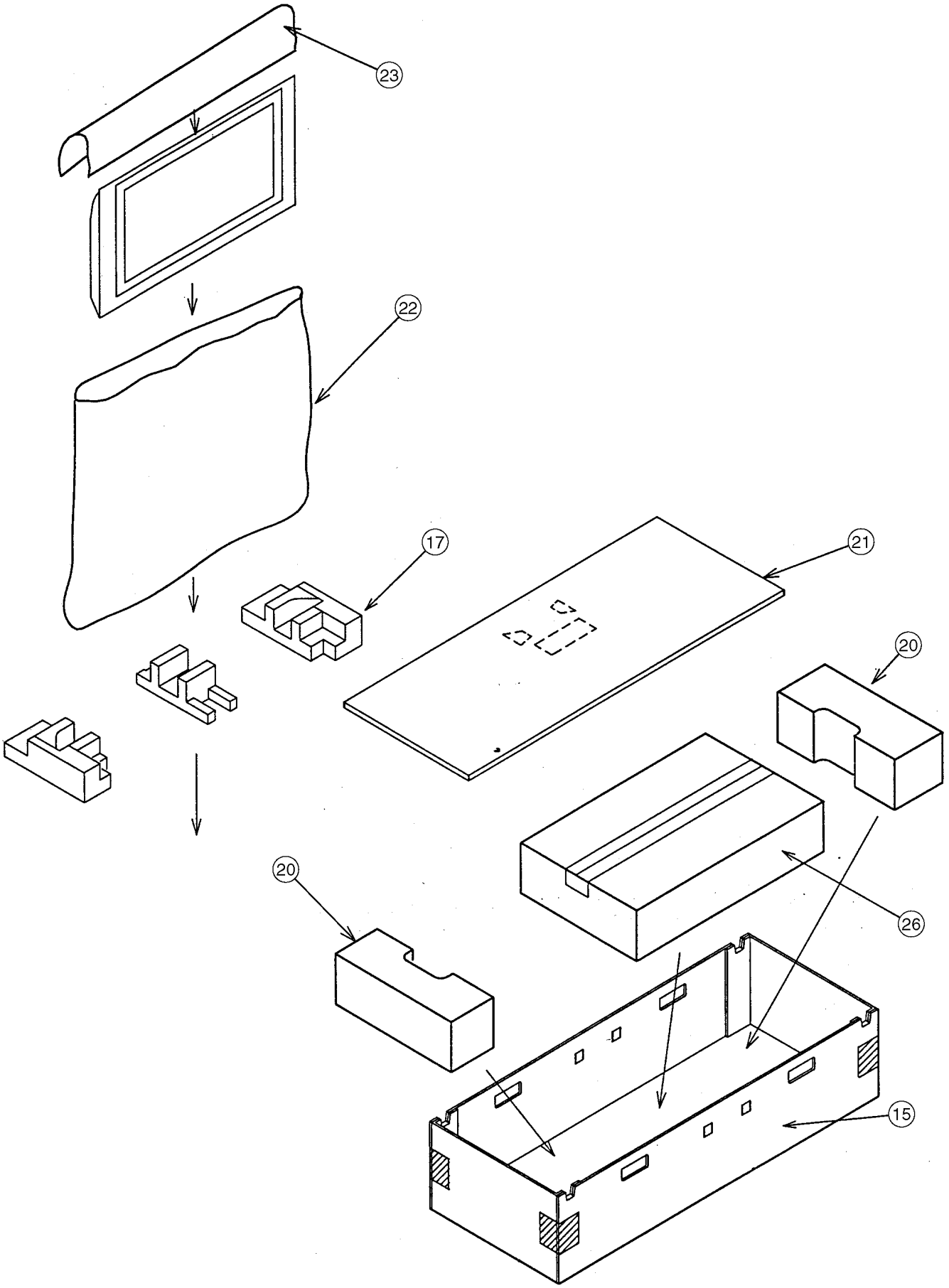
TH-42PM50U
SS-Board Schematic Diagram

14 Parts Location & Mechanical Replacement Parts List

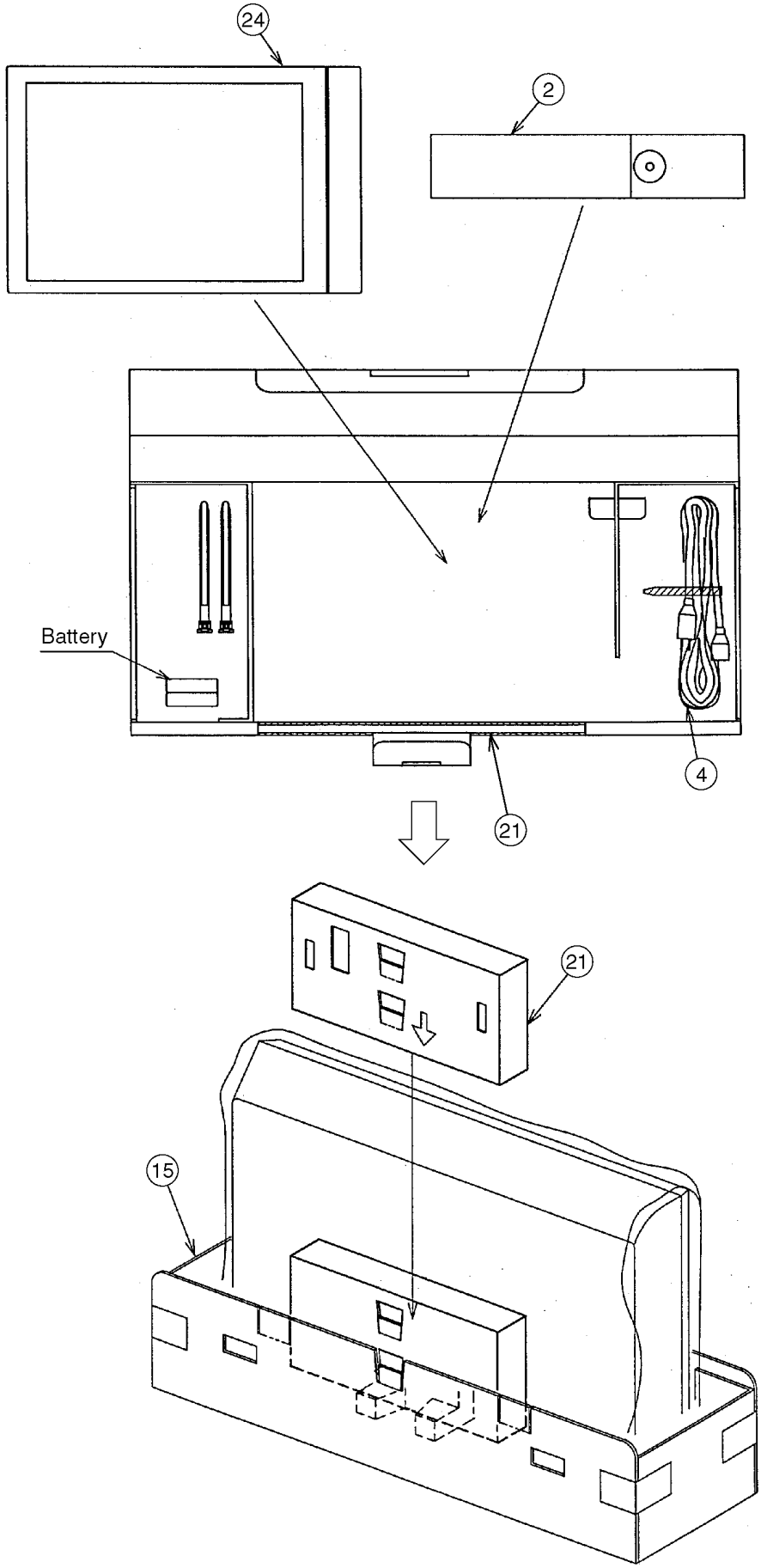
14.1. Parts Location



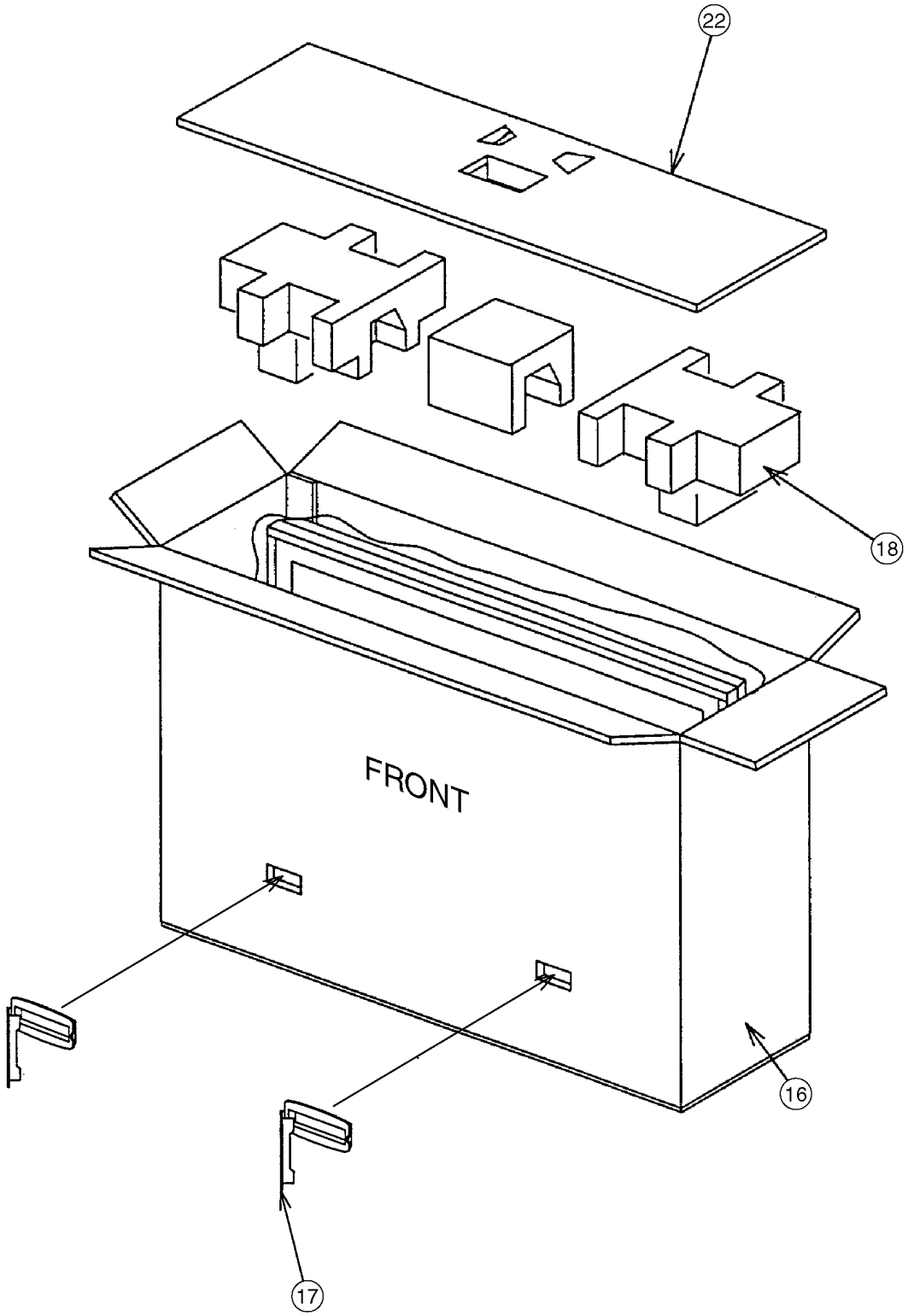
14.2. Packing Exploded Views (1)



14.3. Packing Exploded Views (2)



14.4. Packing Exploded Views (3)



14.5. Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS12S08A	SPEAKER	2	
2	EUR646539	REMOTE CONTROL	1	PAVCA
	J0KD00000095	FLAT CORE	2	
	K1YD55000001	55P CONNECTOR	2	
3	K2AH3H000034	AC INLET	1	⚠
4	K2CG3DH00025	AC CORD	1	⚠
5	MD42S08A1J	PLASMA DISPLAY PANEL	1	
	TBL63413-1	RUBBER	8	
	TBLA3341	STAND POLE	2	
6	TBXA46302	POWER BUTTON	1	
7	TBXA46402	5KEYS BUTTON	1	
	TES4G204	SPRING	1	
	THEL027N	SCREW	4	
	THEL035N	SCREW	69	
	THEL0429	SCREW	23	
	THEL0439	SCREW(FLOCK)	4	
	THTA0379	SCREW	2	
	THTD011J	SCREW	1	
8	TKGA5198-1	FRONT GLASS	1	
9	TKKC5208	PANEL LIGHT	1	
10	TKKL5231	COVER	4	
11	TKKL5306	ADJUSTMENT COVER(SMALL)	1	
12	TKKL5330	ADJUSTMENT COVER(LARGE)	1	
13	TKPA94301	INLET COVER	1	
14	TKRA46201	REAR COVER HANDLE	2	
	TMKG556	SPONGE T/B	2	
	TMKG557	SPONGE L/R	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	5	
	TMM7464-2	CLAMPER	1	
	TMM7468-1	CLAMPER	1	
	TMME047	CLAMPER	6	
	TMME061	CLAMPER	5	
	TMME190	CLAMPER	2	
	TMME199	CLAMPER	1	
	TMME206	CLAMPER	2	
	TMME226	CLAMPER	1	
	TMME253	CLAMPER	1	
15	TPC2AA4601	CARTON BOTTOM	1	PAVCA
16	TPC2AA5102	CARTON TOP	1	PAVCA ⚠
	TPCB79101	CARTON BOX (STAND)	1	⚠
17	TPD169487	JOINT	4	
18	TPD2AA04301	CUSHION TOP	1	
19	TPD2AA04501	CUSHION BOTTOM	1	
20	TPD2AA04901	CUSHION FOR STAND	1	
21	TPD2AF00711	TOP PAD	2	PAVCA
	TPDA1120	CUSHION TOP (STAND)	1	
	TPDA1121	CUSHION BOTTOM (STAND)	1	
	TPDF1401	PAD BOTTOM (STAND)	1	
	TPE2A40055	BAG	1	PAVCA
22	TPE2AH0101	SET POLY COVER	1	PAVCA
23	TPE2AH0131	TOP PROTECT SHEET	1	PAVCA
	TPEH270	POLY BAG (STAND)	1	
24	TQB2AA0591	INSTRUCTION BOOK(ENG/FRE/	1	PAVCA ⚠
	TQZH624	INSTRUCTION SHEET	1	⚠
	TSXL438	CABLE(PA30-H30/DG20-PA20	2	
	TSXL440	CABLE(D33-C21/D34-C11)	2	
	TSXL460	CABLE(Z50-H50)	1	
	TSXL461	CABLE(DG1-H1/DG2-H2)	2	
25	TTUA1281	REAR COVER	1	PAVCA ⚠
26	TXFBL010ZES	STAND ASSY	1	
27	TXFKE01ZTSU	ESCUTCHEON ASSY	1	PAVCA
	TXFMM010ZES	STOPPER (STAND)	1	
28	TXFMZ01YFSUB	STAND BLOCK ASSY	2	
	TXJ/SWYFSE	SPEAKER LEAD	2	
	TXJ/Z2YFSU-1	SPEAKER LEAD(SPL/SPR)	1	
	XTB3+10GFJ	SCREW	4	
	XTB4+12GFJ	SCREW	33	
	XTB4+12GFJK	SCREW	1	
	XTB4+15AFJK	SCREW	22	
	XTB4+8JFJ	SCREW M4X8 (STAND)	8	
	XTV3+10JFJK	SCREW	1	
	XTW4+35DFJ	SCREW	10	
	XYC4+FJ35FJK	SCREW	8	
	XYN3+F8FJ	SCREW	28	
	XYN3+J10FJ	SCREW	1	
	XYN3+J12FJ	SCREW	23	
	XYN3+J8FJ	SCREW ROHS	4	
	XYN4+E8FJ	SCREW(EARTH)	1	
	XYN5+C15FJ	SCREW	8	
	XYN5+F20FJ	SCREW M5X20 (STAND)	4	
	XYN5+F30FJK	SCREW	4	
	XZB12X25D03	POLY BAG	2	
	XZB7.5X9D05	POLY BAG (SCREW)	1	

15 Replacement Parts List

15.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.
After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.
After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide Metal FIlm	J : ±5%
S : Solid	K : ±10%
W : Wire Wound	M : ±20%

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester Polyprop lene	F : ±1pF
	G : ±3pF
	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

15.2. Electrical Replacement Parts List

Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1KA04BA0107	4P CONNECTOR	1	
C1MM2	TMME199	CLAMPER	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1KA04BA0107	4P CONNECTOR	1	
C23	K1KA12AA0153	12P CONNECTOR	1	
C2300	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2301	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2310,11	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
C2335	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2337	ECJ1VB1C473K	C 0.047UF, K, 16V	1	
C2338	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2340	ECJ2FB1C274K	C 0.27UF, Z, 16V	1	
C2341	ECJ1XC1H221J	C 220PF, J, 50V	1	
C2342	ECJ1VB1H152K	C 1500PF, K, 50V	1	
C2343	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2344	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C2346	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2347	ECA1VHG470	E 47UF, 35V	1	
C2348	ECJ1XC1H221J	C 220PF, J, 50V	1	
C2349	ECJ1VB1H152K	C 1500PF, K, 50V	1	
C2350	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2351	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C2352	ECJ1VB1C473K	C 0.047UF, K, 16V	1	
C2353	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2355	ECJ2FB1C274K	C 0.27UF, Z, 16V	1	
C2356	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2374	ECA1HHG100	E 10UF, 50V	1	
C2376-79	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2384-87	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2428,29	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2433,34	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2437,38	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2441,42	ECJ1XC1H221J	C 220PF, J, 50V	2	
C2445,46	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2449,50	ECA1EHG331	E 330UF, 25V	2	
C2453,54	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2457,58	ECJ2FB0J335K	C 3.3UF, K, 16V	2	
C2461,62	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2465,66	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2469,70	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2473,74	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2477,78	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2481-84	ECJ2FB1E224K	C 22UF, K, 25V	4	
C2489,90	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2497,98	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2602	ECA1CHG101	E 100UF, 16V	1	
C2603	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2606	ECJ1VB1H332K	C 3300PF, K, 50V	1	
C2607	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C2608	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2609	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2610-14	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C2615	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2616	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C2617	ECJ1VB1H332K	C 3300PF, K, 50V	1	
C2620,21	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2625,26	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C2633,34	TCUY1C225ZFN	C 2.2UF, 16V	2	
C2637	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2646,47	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2648	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2649,50	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2652	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2655	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2656	ECA1CHG101	E 100UF, 16V	1	
C2657	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2660,61	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2662	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2663	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2664	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2665-68	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C2670	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2672	ECA1CHG470	E 47UF, 16V	1	
C2675	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2676	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2678	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2684-89	ECJ1VF1A105Z	C 1UF, Z, 10V	6	
C2701	ECA1CHG101	E 100UF, 16V	1	
C2702	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2703	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2705	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2708	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2710	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2712	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2715	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2717	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2718	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2723	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2725	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2729,30	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2733,34	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2736-44	ECJ1VF1A105Z	C 1UF, Z, 10V	9	
C2747	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2750	ECA1HHG220	E 22UF, 50V	1	
C2775	ECA1EHG471	E 470UF, 25V	1	
C2779,80	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C2783	ECA1HHG220	E 22UF, 50V	1	
C4001	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4002	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4005,06	ECJ1XC1H180J	C 18PF, J, 50V	2	
C4008-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4012	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
C4013-15	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4016	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4017,18	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4020	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4021	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4023	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4024	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4025	ECJ1XC1H220J	C 22PF, J, 50V	1	
C4032	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4033	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C4034	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4035	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C4038	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4042,43	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C4051	ECJ1VB1A224K	C 0.22UF, Z, 50V	1	
C4053	ECJ1VB1A224K	C 0.22UF, Z, 50V	1	
C4054	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4074	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4096	EEVHB1E330	E 33UF, 25V	1	
C4098	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4099,00	ECJ1VC1H120J	C 12PF, J, 50V	2	
C4102,03	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4104	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4120	EEFCD0G560R	56UF,	1	
C4121	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4123	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4124	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4126	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4127	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C4129	EEVHB0J470	E 47UF, 6.3V	1	
C4130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4131,32	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4133	EEEHB1C100R	C 10PF, J, 16V	1	
C4134	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4135-37	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4141	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4142	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4143	EEVHB0J470	E 47UF, 6.3V	1	
C4144	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4145-47	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4148	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4153,54	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4155	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4160	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4161	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4164	J0JCC0000100	CHIP INDUCTOR	1	
C4165	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4172	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4181,82	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4184	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4186	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4191	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4203	EEVHB0J470	E 47UF, 6.3V	1	
C4205	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4208-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4215	EEVHB1C470P	E 47UF, 16V	1	
C4216	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4217,18	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4219,20	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4221	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4222	EEVHB1C470P	E 47UF, 16V	1	
C4224	EEEHB1C100R	C 10PF, J, 16V	1	
C4225	F1J0J1060004	C 0.010UF, K, 16V	1	
C4227	F1J0J1060004	C 0.010UF, K, 16V	1	
C4229,30	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4231	EEVHB1C470P	E 47UF, 16V	1	
C4232,33	EEEHP1C100R	C 10PF, J, 16V	2	
C4234,35	ECJ1VB1H272K	C 2700PF, K, 50V	2	
C4236	EEVHB0J470	E 47UF, 6.3V	1	
C4237-48	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C4249	EEVHB0J470	E 47UF, 6.3V	1	
C4250-54	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4257,58	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4259	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4261	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4262	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4263-65	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4267-69	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4270	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4271	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4272	EEVHB0J470	E 47UF, 6.3V	1	
C4273-78	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4279	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4280	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C4295	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4296	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4297	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4298	EEEHB0J330R	C 33PF, J, 6.3V	1	
C4299,00	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4301	EEEHB0J220R	C 22PF, J, 6.3V	1	
C4302	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4304	EEVHB0J470	E 47UF, 6.3V	1	
C4305-15	ECJ1XB1C104K	C 0.1UF, Z, 16V	11	
C4316	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C4317-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4324,25	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4326	EEVHB0G221	E 220UF, 4V	1	
C4327	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4328	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4329	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4330	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C4331	EEVHB0J470	E 47UF, 6.3V	1	
C4332-35	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4336	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C4338	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4339	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C4456	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4457	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4459	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4461	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4463,64	F1K1A1060010	C 0.010UF, K,6.3V	2	
C4465,66	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4468,69	ECJ1XC1H102J	C 1000PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4470-73	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4474-77	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4478-81	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4482-84	ECJ1XC1H102J	C 1000PF, J, 50V	3	
C4486-90	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4492	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4493,94	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4495-97	ECJ1XB0J105K	C 1UF, K, 16V	3	
C4498-13	ECJ1XC1H102J	C 1000PF, J, 50V	16	
C4514	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4515	EEFCD0G560R	56UF,	1	
C4516-27	ECJ1VB1H103K	C 0.001UF, K, 50V	12	
C4528	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4534-37	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4587	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C4588	EEEHB0G221P	C 220PF, J, 4V	1	
C4589	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4590	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C4591	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4780	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4781-84	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4785	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4787	EEVHB0J470	E 47UF, 6.3V	1	
C4788	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4789	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4790	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4791	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4792-96	J0JCC0000100	CHIP INDUCTOR	5	
C4797	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4798	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4799	EEEHB1C100R	C 10PF, J, 16V	1	
C4800	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4802	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4803	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C5601	ECA1HM220	E 22UF, 50V	1	
C5605	EEUFC1E102	E 1000UF, 25V	1	
C5606	EEUFC1C821	E 820UF, 16V	1	
C5608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	EEUFC1E102	E 1000UF, 25V	1	
C5612	EEUFC1C821SB	E 820UF, 16V	1	
C5613	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5616	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5617	EEUFC1C821SB	E 820UF, 16V	1	
C5618,19	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C5622	EEUFC1C821	E 820UF, 16V	1	
C5623	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5626	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C5631	EEUFC1C102	E 1000UF, 16V	1	
C5637	ECJ2VF1C474Z	C 0.47UF, Z, 16V	1	
C5641-44	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C5670	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5672	ECA1HM220	E 22UF, 50V	1	
C5673	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5813	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5818	ECA1CM471	E 470UF, 16V	1	
C5820	ECA1CM102	E 1000UF, 16V	1	
C5821	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5823	ECA1CM222	E 2200UF, 16V	1	
C6001-03	ECA2DHG221	E 220UF, 200V	3	
C6005	F1L1E4750004	C 4.7UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6007,08	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6011	F1L2J392A022	C 3900UF, K,6.3V	1	
C6012	F1L2J562A022	C 5600UF, K,6.3V	1	
C6016	F1L2J392A022	C 3900UF, K,6.3V	1	
C6017	F1L2J562A022	C 5600UF, K,6.3V	1	
C6021-30	ECQE2105RKB	P 1UF, 250V	10	
C6031,32	F1L1E4750004	C 4.7UF, 25V	2	
C6034,35	F1L1E4750004	C 4.7UF, 25V	2	
C6037	ECQE2224KF	P 2.2UF, K,250V	1	
C6043,44	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050,51	TCUY1C105ZFN	C 1UF, 16V	2	
C6053,54	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060,61	F1K2J471A014	C 470UF, K,6.3V	2	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479,80	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6490	F1K2J332A014	C 3300UF, K,6.3V	1	
C6491,92	F2A2G100A017	E 100UF, 400V	2	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-03	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C6505	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6507	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	F1L1E4750004	C 4.7UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K,6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529,30	F1K2J471A014	C 470UF, K,6.3V	2	
C6531,32	F1L1E4750004	C 4.7UF, 25V	2	
C6533,34	F1K2J471A014	C 470UF, K,6.3V	2	
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543,44	F1K2J102A014	C 1000UF, K,6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6551	ECQE2224KF	P 2.2UF, K,250V	1	
C6571	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6575	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6577	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	ECA2DHG221	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611	F1L2J392A022	C 3900UF, K,6.3V	1	
C6612	F1L2J562A022	C 5600UF, K,6.3V	1	
C6615	F1L2J562A022	C 5600UF, K,6.3V	1	
C6616	F1L2J392A022	C 3900UF, K,6.3V	1	
C6617	F1L2J562A022	C 5600UF, K,6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,32	F1L1E4750004	C 4.7UF, 25V	2	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 2.2UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6659,60	F1K2J471A014	C 470UF, K,6.3V	2	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,12	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,72	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7138,39	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7186	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7208,09	TCUY1C105ZFN	C 1UF, 16V	2	
C7218,19	TCUY1C105ZFN	C 1UF, 16V	2	
C7222	TCUY1C105ZFN	C 1UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7226,27	ECJ1XC1H220J	C 22PF, J, 50V	2	
C7235	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7237	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7239	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7242	TCUY1C105ZFN	C 1UF, 16V	1	
C7253-56	ECJ1XC1H101J	C 100PF, J, 50V	4	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C9000	EEEHB1C470P	C 47PF, J, 16V	1	
C9001	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9004,05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9006	F1J0J1060004	C 0.010UF, K, 16V	1	
C9007	EEEHB1C470P	C 47PF, J, 16V	1	
C9008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9009	F1J0J1060004	C 0.010UF, K, 16V	1	
C9010-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9014	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9015-22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9023	EEEHB1C470P	C 47PF, J, 16V	1	
C9024	ECJ1XC1H271J	C 270PF, J, 50V	1	
C9025	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9026,27	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9028-31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9033	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9035,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9201,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9203	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9204	ECJ1VC1H080C	C 8PF, C, 50V	1	
C9205	F1J0J1060004	C 0.010UF, K, 16V	1	
C9206,07	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304-57	ECJ1XB1C104K	C 0.1UF, Z, 16V	54	
C9358	EEEHB0G221P	C 220PF, J, 4V	1	
C9359	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9360	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9502	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9503-12	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9513	EEEHB1C470P	C 47PF, J, 16V	1	
C9514-17	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9518	EEEHB1C470P	C 47PF, J, 16V	1	
C9519	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9701,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9703	F1J0J1060004	C 0.010UF, K, 16V	1	
C9705,06	F1J0J1060004	C 0.010UF, K, 16V	2	
C9707	EEEHB1C470P	C 47PF, J, 16V	1	
C9712,13	F1J0J1060004	C 0.010UF, K, 16V	2	
C9714,15	ECGRL0G680R	C 68PF, J, 4V	2	
C9716	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9718	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9719,20	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C9721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9723,24	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C9725	ECJ1XC1H102J	C 1000PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9727	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9728,29	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9730,31	EEEHB1C470P	C 47PF, J, 16V	2	
C9732	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9733	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9734,35	EEEHB1C470P	C 47PF, J, 16V	2	
C9736	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9739,40	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9741	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9742	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9743,44	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9900,01	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	
D3	K1KA30AA0009	30P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D6	K1KA20A00310	20P CONNECTOR	1	
D8	K1KA08AA0104	8P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D33,34	K1MN55BA0076	55P CONNECTOR	2	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2315,16	B0JCDD000002	DIODE	2	
D2319,20	B0JCDD000002	DIODE	2	
D2332	MA111	DIODE	1	
D2512	MA8056M	ZENER DIODE	1	
D2513,14	MA152K	DIODE	2	
D2520	B3AAA0000770	LED	1	
D2523	MA152K	DIODE	1	
D2524	MA8056M	ZENER DIODE	1	
D2615	B0BC01100001	ZENER DIODE	1	
D2617	MA152	DIODE	1	
D2619-24	MA8140M	ZENER DIODE	6	
D2640-60	MA8140M	ZENER DIODE	21	
D4012-14	MA729	DIODE	3	
D4016	MA728	DIODE	1	
D4025-27	MA111	DIODE	3	
D4029	MA3036L	ZENER DIODE	1	
D5614	B0BC3R700006	ZENER DIODE	1	
D5615	B0BC4R700007	ZENER DIODE	1	
D5616	B0BC6R600005	ZENER DIODE	1	
D5617	B0BC01100001	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3100H	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D6001,02	B0HBSN000008	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6020	B0HBSN000008	DIODE	1	
D6021	B0ECHP000003	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6022	B0HBSN000008	DIODE	1	
D6023	B0ECHP000003	DIODE	1	
D6024	B0HBSN000008	DIODE	1	
D6029	B0HBSN000008	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6040,41	B0ECHP000003	DIODE	2	
D6051	B0ECHP000003	DIODE	1	
D6052,53	B0JCME000037	DIODE	2	
D6054	B0ECHP000003	DIODE	1	
D6055	B0JCME000037	DIODE	1	
D6057	B0ECHP000003	DIODE	1	
D6058-60	MA111	DIODE	3	
D6061	MA8082MTX	ZENER DIODE	1	
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066,67	MA8330M	ZENER DIODE	2	
D6070	MA111	DIODE	1	
D6451	B0JCME000037	DIODE	1	
D6452,53	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	B0ECHP000003	DIODE	1	
D6459	MA111	DIODE	1	
D6460,61	B0HCKS000002	DIODE	2	
D6462	B0JCME000037	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	B0JCME000037	DIODE	1	
D6465,66	MA8330M	ZENER DIODE	2	
D6467	B0ECHP000003	DIODE	1	
D6468	MA111	DIODE	1	
D6470,71	MA111	DIODE	2	
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6479	MA111	DIODE	1	
D6481,82	MA8330M	ZENER DIODE	2	
D6483-90	MA8056H	ZENER DIODE	8	
D6491,92	B0ECHP000003	DIODE	2	
D6495	B0HCKS000002	DIODE	1	
D6496	B0JCME000037	DIODE	1	
D6501,02	MA111	DIODE	2	
D6503	MA8056H	ZENER DIODE	1	
D6509	MA111	DIODE	1	
D6511	B0HCMM000014	DIODE	1	
D6512-14	MA111	DIODE	3	
D6515	MA8240MTX	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000002	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA111	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	B0HCMM000014	DIODE	1	
D6527	MA111	DIODE	1	
D6529	B0JCME000037	DIODE	1	
D6541	B0HCKS000002	DIODE	1	
D6542	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6543	B0HCKS000002	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	
D6551	B0JCME000037	DIODE	1	
D6552,53	MA111	DIODE	2	
D6554	B0HCKS000002	DIODE	1	
D6570	B0HCMM000014	DIODE	1	
D6572	B0ECHP000003	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585,86	MA8330M	ZENER DIODE	2	
D6601,02	B0HBSN000008	DIODE	2	
D6615	B0ECHP000003	DIODE	1	
D6620	B0HBSN000008	DIODE	1	
D6621	B0ECHP000003	DIODE	1	
D6622	B0HBSN000008	DIODE	1	
D6623	B0ECHP000003	DIODE	1	
D6624	B0HBSN000008	DIODE	1	
D6629	B0HBSN000008	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6640	B0ECHP000003	DIODE	1	
D6647	B0ECHP000003	DIODE	1	
D6901-03	MA8056H	ZENER DIODE	3	
D6905	B0ECHP000003	DIODE	1	
D6909,10	B0ECHP000003	DIODE	2	
D6956,57	MA8056H	ZENER DIODE	2	
D6961,62	B0ECHP000003	DIODE	2	
D9000-02	MA3033	ZENER DIODE	3	
D9011,12	MA728	DIODE	2	
D9015,16	MA152K	DIODE	2	
D9700,01	MA728	DIODE	2	
D9900,01	MA152K	DIODE	2	
DG1,G2	K1MN40A00024	40P CONNECTOR	2	
DG3	K1KA20B00155	20P CONNECTOR	1	
DG5	K1KA21B00008	21P CONNECTOR	1	
DG15	K1KA60A00156	60P CONNECTOR	1	
DG20	K1MN30A00068	30P CONNECTOR	1	
FL4004-10	J0HABH000012	LC FILTER	7	
FL4012	J0HABH000012	LC FILTER	1	
FL4014-17	J0HABB000004	LC FILTER	4	
FL4018-20	J0JBD0000043	CHIP INDUCTOR	3	
FL7106	J0HABH000013	LC FILTER	1	
FL7208	J0HABH000013	LC FILTER	1	
FL9000-04	J0HABH000013	LC FILTER	5	
FL9300-02	J0HABH000013	LC FILTER	3	
FL9701,02	J0HABH000012	LC FILTER	2	
FL9703,04	J0HABH000013	LC FILTER	2	
FL9900,01	J0HABH000013	LC FILTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
H1,H2	K1MN40B00045	40P CONNECTOR	2	
H7	K1KA12AA0178	12P CONNECTOR	1	
H22	K1KA11AA0194	11P CONNECTOR	1	
H30	K1MN30A00068	30P CONNECTOR	1	
H50	K1MN35A00015	35P CONNECTOR	1	PAVCA
HMM1-M4	TMM25401	CLAMPER	4	
IC2301	C1BB00000969	IC	1	
IC2305,06	C1BB00000818	IC	2	
IC2602	C1AB00002123	IC	1	
IC2605	AN15861A-VT	IC	1	
IC2608	C1BB00001017	IC	1	
IC4001	C0ABBB000289	IC	1	
IC4002	C0FBBK000038	IC	1	
IC4004	TC74HC4066TL	IC	1	
IC4005	MN102H90MTZ1	IC	1	
IC4006	TVRN723	IC	1	PAVCA
IC4008	TVRN720	IC	1	PAVCA
IC4010	C0EBF0000431	IC	1	
IC4011	C0CBCAC00275	IC	1	
IC4012	C0CBCBF00009	IC	1	
IC4015	C0EBE0000336	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4018	C1AB00002298	IC	1	
IC4020	C0CBCAC00136	IC	1	
IC4022	C0DBEJG00001	IC	1	
IC4024	C1ZBZ0002790	IC	1	
IC4025	C0JBAP000020	IC	1	
IC4026	C1AB00002234	IC	1	
IC4027	C3ABQJ000040	IC	1	
IC4028	C0DBZFG00055	IC	1	
IC4030	C0EBF0000335	IC	1	
IC4031	C0CBCAC00136	IC	1	
IC5601,02	N0BF2DE00001	DC-DC CONVERTER	2	
IC5803	C0DAEZH00017	IC	1	
IC6001-03	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0001033	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	C0CBALC00010	IC	2	
IC6454,55	C0CBADC00075	IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	C0JBAZ000994	IC	2	
IC6511	C0ZBZ0001033	IC	1	
IC6512	C0CBADC00075	IC	1	
IC6521	C0ZBZ0001033	IC	1	
IC6541,42	C0ZBZ0001033	IC	2	
IC6543	C0CBADC00075	IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601,02	C0ZBZ0000895	IC	2	
IC6605,06	C0JBAZ000005	IC	2	
IC6607	C0JBAA000174	IC	1	
IC6901-04	AN16021A-VT	IC	4	
IC6955-58	AN16021A-VT	IC	4	
IC7101	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-04	C0JBAZ001120	IC	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9001	TVRN460-3	IC	1	
IC9003	C2CBJG000660	IC	1	
IC9004	C0EBE0000120	IC	1	
IC9005, 06	C0JBAZ000856	IC	2	
IC9007	TVRN462-4	IC	1	
IC9008	C0DBEJG00001	IC	1	
IC9200	C1ZBZ0002769	IC	1	
IC9300	MN84512-A	IC	1	
IC9301	PST9128NR	IC (LOGIC)	1	
IC9302	C3ABQJ000031	IC	1	
IC9303	TVRN461-2	IC	1	
IC9500	C1ZBZ0002599	IC	1	
IC9502	C0JBAZ000856	IC	1	
IC9504	C0JBAZ000856	IC	1	
IC9700	C0DBEJG00001	IC	1	
IC9702	C0DBAZH00020	IC	1	
JK2601	K1U939A00001	CONNECTOR	1	
JK2605	K2HA204A0041	JACK	1	
JS2304-11	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2312	J0JCC0000100	CHIP INDUCTOR	1	
JS2317-24	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2329-32	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2606, 07	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS2614-17	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2620, 21	J0JCC0000100	CHIP INDUCTOR	2	
JS2624	J0JCC0000100	CHIP INDUCTOR	1	
JS2627, 28	J0JCC0000100	CHIP INDUCTOR	2	
JS2630-37	J0JCC0000100	CHIP INDUCTOR	8	
JS2645	J0JCC0000100	CHIP INDUCTOR	1	
JS2652-63	ERJ6GEY0R00	M 0 OHM, 1/10W	12	
JS2672-87	ERJ6GEY0R00	M 0 OHM, 1/10W	16	
JS2692-03	ERJ6GEY0R00	M 0 OHM, 1/10W	12	
JS2705-12	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2714-25	ERJ6GEY0R00	M 0 OHM, 1/10W	12	
JS2726	J0JCC0000100	CHIP INDUCTOR	1	
JS2729	J0JCC0000100	CHIP INDUCTOR	1	
JS2737, 38	J0JCC0000100	CHIP INDUCTOR	2	
JS2740-42	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS2744-49	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS2760-63	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2764	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
JS2765-68	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS4003	J0JCC0000100	CHIP INDUCTOR	1	
JS4009	J0JCC0000100	CHIP INDUCTOR	1	
JS4013-15	J0JCC0000100	CHIP INDUCTOR	3	
JS4019-21	J0JCC0000100	CHIP INDUCTOR	3	
JS4023-26	J0JCC0000100	CHIP INDUCTOR	4	
JS4033-35	J0JCC0000100	CHIP INDUCTOR	3	
JS4044, 45	J0JCC0000100	CHIP INDUCTOR	2	
JS4055	J0JCC0000100	CHIP INDUCTOR	1	
JS4059-63	J0JCC0000100	CHIP INDUCTOR	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS4067	J0JCC0000100	CHIP INDUCTOR	1	
JS4071	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
JS4072, 73	J0JCC0000100	CHIP INDUCTOR	2	
JS5601	J0JCC0000100	CHIP INDUCTOR	1	
JS5609-12	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5801, 02	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS5805-08	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5810-17	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
K1	K1KA12BA0053	12P CONNECTOR	1	
K2	K1KA02BA0061	2P CONNECTOR	1	
L2305,06	G0A100ZA0033	CHOKE COIL	2	
L2312,13	G0A100ZA0033	CHOKE COIL	2	
L2316-19	J0JJC0000011	CHIP INDUCTOR	4	
L2615	J0JHC0000078	CHIP INDUCTOR	1	
L2617	J0JHC0000078	CHIP INDUCTOR	1	
L4003	J0JHC0000078	CHIP INDUCTOR	1	
L4006	J0JHC0000078	CHIP INDUCTOR	1	
L4008	J0JHC0000078	CHIP INDUCTOR	1	
L4012	J0JCC0000241	CHIP INDUCTOR	1	
L4013	J0JHC0000078	CHIP INDUCTOR	1	
L4019	J0JHC0000078	CHIP INDUCTOR	1	
L4021,22	J0JHC0000045	CHIP INDUCTOR	2	
L4024,25	J0JHC0000078	CHIP INDUCTOR	2	
L4027	J0JHC0000078	CHIP INDUCTOR	1	
L4028	J0JCC0000241	CHIP INDUCTOR	1	
L4031	J0JHC0000078	CHIP INDUCTOR	1	
L4035	J0JHC0000078	CHIP INDUCTOR	1	
L4036	J0JCC0000241	CHIP INDUCTOR	1	
L4037-39	J0JHC0000078	CHIP INDUCTOR	3	
L4040,41	J0JCC0000100	CHIP INDUCTOR	2	
L4043	J0JCC0000241	CHIP INDUCTOR	1	
L4044	J0JCC0000100	CHIP INDUCTOR	1	
L4047,48	J0JHC0000078	CHIP INDUCTOR	2	
L5604	G0A470GA0002	CHOKE COIL	1	
L5606	G0A220GA0002	CHOKE COIL	1	
L5607	G0C101K00023	PEAKING COIL	1	
L5609	TALL08N120KA	INDUCTION COIL	1	
L5611	G1A150ZA0007	CHOKE COIL	1	
L5612	G0A220GA0002	CHOKE COIL	1	
L5613,14	G1A150ZA0007	CHOKE COIL	2	
L5615	G0A220GA0002	CHOKE COIL	1	
L5616	G1A150ZA0007	CHOKE COIL	1	
L5808	G0A100GA0013	CHOKE COIL	1	
L5810	G0A100GA0013	CHOKE COIL	1	
L6002-04	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6011-13	G0AR60MA0003	CHOKE COIL	3	
L6014,15	G0A1R0MA0003	CHOKE COIL	2	
L6018	J0JJC0000021	CHIP INDUCTOR	1	
L6019	G0ZZ00002183	PEAKING COIL	1	
L6022	J0JJC0000021	CHIP INDUCTOR	1	
L6024-27	G0ZZ00002183	PEAKING COIL	4	
L6034-37	G0ZZ00002183	PEAKING COIL	4	
L6042,43	J0JJC0000021	CHIP INDUCTOR	2	
L6047	J0JJC0000021	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6050	G0ZZ00002183	PEAKING COIL	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	
L6604,05	G0ZZ00002183	PEAKING COIL	2	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614,15	G0A1R0MA0003	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6647	J0JJC0000021	CHIP INDUCTOR	1	
L9200	G1C150KA0038	INDUCTION COIL	1	
L9500,01	J0JHC0000078	CHIP INDUCTOR	2	
L9700	G1C4R3M00003	CHIP INDUCTOR	1	
L9701	G1C6R8M00009	CHIP INDUCTOR	1	
PA7	K1KA08AA0192	8P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN30A00068	30P CONNECTOR	1	
PA30	K1MN30A00068	30P CONNECTOR	1	
PA5601,02	K5H4022A0023	FUSE	2	
PB5	K1KA11AA0194	11P CONNECTOR	1	
PB7	K1KA08AA0192	8P CONNECTOR	1	
PC6458	B3PBA0000223	IC	1	
PC6467	B3PBA0000223	IC	1	
PC6469	B3PBA0000223	IC	1	
PC6474	B3PBA0000223	IC	1	
PC6480	B3PBA0000223	IC	1	
PC6503	B3PBA0000233	IC	1	
PC6505	B3PBA0000233	IC	1	
PC6507	B3PBA0000233	IC	1	
PC6509,10	B3PBA0000234	IC	2	
PC6517	B3PBA0000223	IC	1	
Q2300	2SC584500L	TRANSISTOR	1	
Q2301	2SD601A	TRANSISTOR	1	
Q2302	2SC584500L	TRANSISTOR	1	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2323	2SA207700L	TRANSISTOR	1	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2519	2SB709A	TRANSISTOR	1	
Q2609	2SD601A	TRANSISTOR	1	
Q2611	2SD601A	TRANSISTOR	1	
Q2612	2SB709A	TRANSISTOR	1	
Q2618,19	2SD601A	TRANSISTOR	2	
Q4001	2SA207700L	TRANSISTOR	1	
Q4004	2SD601A	TRANSISTOR	1	
Q4006-09	2SD601A	TRANSISTOR	4	
Q4012	2SD601A	TRANSISTOR	1	
Q4015-17	2SD601A	TRANSISTOR	3	
Q4019-21	2SD601A	TRANSISTOR	3	
Q4039	2SD601A	TRANSISTOR	1	
Q4043,44	2SD601A	TRANSISTOR	2	
Q4045	2SA207700L	TRANSISTOR	1	
Q4049	2SA207700L	TRANSISTOR	1	
Q4051-54	2SD601A	TRANSISTOR	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4055	2SA207700L	TRANSISTOR	1	
Q4056-59	2SD601A	TRANSISTOR	4	
Q4062	2SD601A	TRANSISTOR	1	
Q4066,67	2SK2731T146	FET	2	
Q4068	2SD601A	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SC584500L	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SC584500L	TRANSISTOR	2	
Q5606	B1DHDC000028	TRANSISTOR	1	
Q5607	2SC584500L	TRANSISTOR	1	
Q5610	2SC584500L	TRANSISTOR	1	
Q5613	2SC584500L	TRANSISTOR	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SC584500L	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6006-08	B1JADN000001	TRANSISTOR	3	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021	B1DEKM000001	TRANSISTOR	1	
Q6024	B1DEKM000001	TRANSISTOR	1	
Q6025	2SK620	FET	1	
Q6041,42	B1DFKM000002	TRANSISTOR	2	
Q6045	2SK326800L	FET	1	
Q6046	B1DFKM000002	TRANSISTOR	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6055,56	2SD601A	TRANSISTOR	2	
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ000004	TRANSISTOR	1	
Q6462	2SB709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ000004	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,12	B1DFGL000008	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES000002	TRANSISTOR	1	
Q6522-28	2SK400000L	FET	7	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK399500L	FET	1	
Q6544-46	2SK399500L	FET	3	
Q6548	2SK399500L	FET	1	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DEET000002	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000002	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6583,84	2SK620	FET	2	
Q6601-03	B1JADN000001	TRANSISTOR	3	
Q6606-08	B1JADN000001	TRANSISTOR	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	B1DEKM000001	TRANSISTOR	1	
Q6624	B1DEKM000001	TRANSISTOR	1	
Q6901	2SK620	FET	1	
Q9000,01	2SD601A	TRANSISTOR	2	
Q9003	B1DHCC000034	TRANSISTOR	1	
Q9004	2SB709A	TRANSISTOR	1	
Q9008,09	2SK2731T146	FET	2	
Q9010,11	2SD601A	TRANSISTOR	2	
Q9012,13	2SK2731T146	FET	2	
Q9020-23	2SD601A	TRANSISTOR	4	
Q9500	2SK2731T146	FET	1	
Q9700	2SD601A	TRANSISTOR	1	
Q9701,02	B1MBCDA00002	TRANSISTOR	2	
Q9703,04	2SD601A	TRANSISTOR	2	
Q9900,01	2SD601A	TRANSISTOR	2	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2308,09	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	2	
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	
R2311	ERJ12YJ821	M 820 OHM,J, 1/2W	1	
R2312,13	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2316-19	J0JCC0000100	CHIP INDUCTOR	4	
R2320	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2322	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2324	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2331	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2338	J0JCC0000100	CHIP INDUCTOR	1	
R2342,43	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2349	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2350	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2351	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2352,53	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R2357	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2358,59	ERJ3GEYJ683	M 68KOHM,J,1/16W	2	
R2360	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2363	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2364	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2365,66	ERJ3GEYJ683	M 68KOHM,J,1/16W	2	
R2367	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2368	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2369,70	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2394	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2395,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2397,98	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2436	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2437,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2444,45	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2448,49	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2450	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2451,52	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2453	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2460	ERJ6ENF1373	M 137KOHM, 1/10W	1	
R2461	ERJ6ENF1103	M 110KOHM, 1/10W	1	
R2464,65	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	
R2468,69	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R2488,89	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	
R2499	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2501	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2516	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2524	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2525	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R2526	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2542	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2545	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2550	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2553	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2557	ERJ6ENF8200	M 820 OHM, 1/10W	1	
R2607	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2640,41	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2645	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R2646	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2647	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2648	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2649	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R2650	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2651	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2652	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2655	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R2659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2673	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2680,81	ERJ3GEYJ184	M 180KOHM,J,1/16W	2	
R2682	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2686	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2687	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2690	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R2693	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2695	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2696	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2698	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R2699	J0JCC0000100	CHIP INDUCTOR	1	
R2700	ERJ3GEYJ274	M 270KOHM,J,1/16W	1	
R2702	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2708	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2729-31	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R2733-36	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2737	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2738	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2741	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2744	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2746	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2747	J0JCC0000100	CHIP INDUCTOR	1	
R2753	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2754	J0JCC0000100	CHIP INDUCTOR	1	
R2755	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2756	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2758	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2759	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2761-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2767	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2769,70	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2772	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2775	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2777-79	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R2793-95	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R2797-00	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2801,02	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2804	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2807,08	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2810,11	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2814,15	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2817,18	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2820	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2821	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R2822-25	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2830	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R2832,33	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2835	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2837	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2838	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2848-51	ERJ6GEYJ393	M 39KOHM,J,1/10W	4	
R2854,55	ERJ6GEYJ393	M 39KOHM,J,1/10W	2	
R2856	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2858	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2859-61	ERJ6GEYJ393	M 39KOHM,J,1/10W	3	
R2862	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2864	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R2865	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R2868,69	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R2881	J0JCC0000100	CHIP INDUCTOR	1	
R2883	J0JCC0000100	CHIP INDUCTOR	1	
R2887	J0JCC0000100	CHIP INDUCTOR	1	
R2891,92	J0JCC0000100	CHIP INDUCTOR	2	
R2894	J0JCC0000100	CHIP INDUCTOR	1	
R2896	J0JCC0000100	CHIP INDUCTOR	1	
R2899	J0JCC0000100	CHIP INDUCTOR	1	
R3751	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3753	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3755	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3756	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R4001,02	J0JCC0000100	CHIP INDUCTOR	2	
R4003	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4004	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4005	J0JCC0000100	CHIP INDUCTOR	1	
R4006	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4007	J0JCC0000100	CHIP INDUCTOR	1	
R4008	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4009	J0JCC0000100	CHIP INDUCTOR	1	
R4010	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R4015	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4016	ERJ3GEYJ273	M 27KOHM,J,1/16W	1	
R4017	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R4018	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4020	J0JCC0000100	CHIP INDUCTOR	1	
R4021	ERJ3GEYJ273	M 27KOHM,J,1/16W	1	
R4022	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R4023	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R4024,25	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4026	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R4028,29	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4036	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4039	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R4040	J0JCC0000100	CHIP INDUCTOR	1	
R4045	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R4047	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R4048	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4050	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4052	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4053	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4055	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4056	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4059	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4063	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4064-66	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R4068,69	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R4070	ERJ3GEYJ154	M 150KOHM,J,1/16W	1	
R4071-76	TAJAAH0101JV	M 100 OHM,J,1/16W	6	
R4077	J0JCC0000100	CHIP INDUCTOR	1	
R4078,79	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4082	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4083	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4086	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4088-90	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R4091	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R4092	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4094	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4095	J0JCC0000100	CHIP INDUCTOR	1	
R4098,99	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R4101	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4102	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4104	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4106	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4108	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R4109	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4114	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4121	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4123	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4124	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4125	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R4126	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4128	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4129	ERJ3EKF3901	M 3.9KOHM, 1/16W	1	
R4130	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4134	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4135	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R4138	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R4139	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R4141,42	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R4144	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R4145	J0JCC0000100	CHIP INDUCTOR	1	
R4146	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R4148,49	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R4151-53	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R4155	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4162	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4171-73	J0JCC0000100	CHIP INDUCTOR	3	
R4174	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4177	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4179	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4181	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4182,83	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4184	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4185	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4188	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4192	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4193	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4199,00	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4201	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4202	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R4203	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R4205	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R4208	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4212	J0JCC0000100	CHIP INDUCTOR	1	
R4218	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4219	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4223	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4224	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4225	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4226	J0JCC0000100	CHIP INDUCTOR	1	
R4230,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4237	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4238	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4252,53	ERJ3GEYJ823	M 82KOHM,J,1/16W	2	
R4254	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4255	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4256,57	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R4259	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R4260,61	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	2	
R4262,63	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4264	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4266	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4267,68	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4269	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R4322	J0JCC0000100	CHIP INDUCTOR	1	
R4327,28	J0JCC0000100	CHIP INDUCTOR	2	
R4329	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4339	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R4344,45	ERJ3EKF1301	M 1.3KOHM, 1/16W	2	
R4346	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4347	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4349,50	ERJ3EKF1801	M 1.8KOHM, 1/16W	2	
R4351	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R4356,57	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4358	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R4359	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4361	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R4365	J0JCC0000100	CHIP INDUCTOR	1	
R4367	J0JCC0000100	CHIP INDUCTOR	1	
R4370	J0JCC0000100	CHIP INDUCTOR	1	
R4371	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R4375	J0JCC0000100	CHIP INDUCTOR	1	
R4379,80	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R4382	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4383	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4388,89	J0JCC0000100	CHIP INDUCTOR	2	
R4391	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4392	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4408	ERJ3EKF1741	M 17.4 OHM, 1/16W	1	
R4409	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4411	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4414	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4416	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4421	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4423	EXB38V220J	RESISTOR ARRAY	1	
R4426	EXB38V220J	RESISTOR ARRAY	1	
R4427	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4428	EXB38V220J	RESISTOR ARRAY	1	
R4433,34	EXB38V220J	RESISTOR ARRAY	2	
R4435-37	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4441,42	D1HG5608A002	NETWORK RESISTER	2	
R4443	EXB38V560J	RESISTOR ARRAY	1	
R4444	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4445-47	ERJ3GEYJ560	M 56 OHM,J,1/16W	3	
R4448,49	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4450-54	J0JCC0000100	CHIP INDUCTOR	5	
R4456,57	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4458,59	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4460	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4461,62	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4463	ERJ3EKF6192	M61.9KOHM, 1/16W	1	
R4464	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4465	ERJ3EKF6192	M61.9KOHM, 1/16W	1	
R4466	J0JCC0000100	CHIP INDUCTOR	1	
R4469	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4471	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4472	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4473	J0JCC0000100	CHIP INDUCTOR	1	
R4474	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4480	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4481	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4482,83	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4484	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R4485,86	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4487	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R4488,89	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R4490,91	ERJ3EKF1800	M 180 OHM, 1/16W	2	
R4492,93	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R4494	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4495,96	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4497,98	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R4516	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4522	J0JCC0000100	CHIP INDUCTOR	1	
R4524	J0JCC0000100	CHIP INDUCTOR	1	
R4527	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R4528	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R4529	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4530	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4531,32	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4533-37	J0JCC0000100	CHIP INDUCTOR	5	
R4540,41	J0JCC0000100	CHIP INDUCTOR	2	
R4543,44	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4545,46	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4547-50	EXB2HV680J	RESISTOR ARRAY	4	
R4551,52	J0JCC0000100	CHIP INDUCTOR	2	
R4557	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R4558	J0JCC0000100	CHIP INDUCTOR	1	
R4559	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R4560,61	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R4562	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4564-66	TAJAAH0680JV	M 68 OHM,J,1/16W	3	
R4569	EXB38V680J	RESISTOR ARRAY	1	
R4570	EXB2HV680J	RESISTOR ARRAY	1	
R4571	EXB38V680J	RESISTOR ARRAY	1	
R4572,73	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4575-77	J0JCC0000100	CHIP INDUCTOR	3	
R4578,79	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4581-85	J0JCC0000100	CHIP INDUCTOR	5	
R4590	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4592	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R4593	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4594	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4596	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4597	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4600	J0JCC0000100	CHIP INDUCTOR	1	
R4602	J0JCC0000100	CHIP INDUCTOR	1	
R4603-22	ERJ3GEYJ820	M 82 OHM,J,1/16W	20	
R4623	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4624-26	EXB38V820J	RESISTOR ARRAY	3	
R4627	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4630	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4632,33	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R4636	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4638	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4652	ERJ3GEYJ821	M 820 OHM,J,1/16W	1	
R4660,61	J0JCC0000100	CHIP INDUCTOR	2	
R4666	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R4667,68	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4674	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4676,77	ERJ3GEYJ474	M 470KOHM,J,1/16W	2	
R4678	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4682,83	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4684	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4685	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4686	J0JCC0000100	CHIP INDUCTOR	1	
R4690	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4703	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4706	J0JCC0000100	CHIP INDUCTOR	1	
R4708-47	ERJ6GEY0R00	M 0 OHM, 1/10W	40	
R4748	ERJ6ENF7151	M7.15KOHM, 1/10W	1	
R4749	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4750	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R4751,52	ERJ3EKF1800	M 180 OHM, 1/16W	2	
R4754	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4756	J0JCC0000100	CHIP INDUCTOR	1	
R4757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4758	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4759,60	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4761,62	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4765	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R4767	J0JCC0000100	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4771	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4775	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4780-87	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
R5601	ERJ6ENF4532	M4.53KOHM, 1/10W	1	
R5603	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R5605	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5606	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5607	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R5609	ERJ6ENF1871	M1.87KOHM, 1/10W	1	
R5610	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5615,16	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R5617,18	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R5619	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R5620	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5621	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5623,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R5625-27	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	3	
R5630	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5632	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5633	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5634	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5635	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5637,38	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5639	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5640	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5641	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5642	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5643	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R5644	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5645,46	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R5647	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5648	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R5649	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R5650	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5651	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5653-56	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R5657,58	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R5659	ERJ6ENF4700	M 470 OHM, 1/10W	1	
R5660	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5662	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5670	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5675	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5676	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5679	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5680	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5692	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5693	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R5694,95	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5815	ERJ6ENF3900	M 390 OHM, 1/10W	1	
R5819	ERJ6ENF2941	M2.94KOHM, 1/10W	1	
R5820	ERX3FJSR22D	M 2.2 OHM, J, 3W	1	
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6011-16	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6019-22	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6034,35	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6041,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6049,50	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6061	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6062,63	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6088	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6090	ERJ14YJ181U	M 181 OHM, J,1/4W	1	
R6091	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6092	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6102	EXB38V470J	RESISTOR ARRAY	1	
R6104	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6105	EXB38V472J	RESISTOR ARRAY	1	
R6107	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6110	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6439,40	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6451	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6452	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6453	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J,1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M2.55KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERG3FNJS8R2E	M 8.2 OHM, J, 3W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6483	ERJ14YJ752	M 75KOHM, J,1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6491	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6492	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6493	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6495,96	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6524	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529-36	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6544-46	ERJ6GEYJ100	M 10 OHM,J,1/10W	3	
R6548	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6550	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6552,53	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6594	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6595	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6598	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611-14	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6635-38	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6641,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6643,44	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6649	EXB38V680J	RESISTOR ARRAY	1	
R6653	EXB38V680J	RESISTOR ARRAY	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	EXB38V472J	RESISTOR ARRAY	1	
R6664	EXB38V470J	RESISTOR ARRAY	1	
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	EXB38V472J	RESISTOR ARRAY	1	
R6670	EXB38V470J	RESISTOR ARRAY	1	
R6675	EXB38V472J	RESISTOR ARRAY	1	
R6676	EXB38V470J	RESISTOR ARRAY	1	
R6683	EXB38V470J	RESISTOR ARRAY	1	
R6686	EXB38V472J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7105	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7108	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7119,20	J0JCC0000100	CHIP INDUCTOR	2	
R7121	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	J0JCC0000100	CHIP INDUCTOR	1	
R7132-35	J0JCC0000100	CHIP INDUCTOR	4	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142,43	EXB38V470J	RESISTOR ARRAY	2	
R7148	EXB38V470J	RESISTOR ARRAY	1	
R7154	EXB38V470J	RESISTOR ARRAY	1	
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7172-74	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7194	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7196	EXB38V470J	RESISTOR ARRAY	1	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7204,05	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7208,09	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7212	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7213	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7218-21	J0JCC0000100	CHIP INDUCTOR	4	
R7222	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R7223	TAJAAH0470JV	M 47 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7230	J0JCC0000100	CHIP INDUCTOR	1	
R7232	J0JCC0000100	CHIP INDUCTOR	1	
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V470J	RESISTOR ARRAY	2	
R7243-45	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7247	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7248	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7249,50	EXB38V470J	RESISTOR ARRAY	2	
R7251-53	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7254,55	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7257,58	EXB38V470J	RESISTOR ARRAY	2	
R7259	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7261,62	J0JCC0000100	CHIP INDUCTOR	2	
R7283	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7289,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7296	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R7297	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9002	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9004-06	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9007	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9009	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9010	EXB2HV272JV	RESISTOR ARRAY	1	
R9012	EXB2HV272JV	RESISTOR ARRAY	1	
R9013	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9015-18	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9019	J0JCC0000100	CHIP INDUCTOR	1	
R9020,21	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9022	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9023	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9024	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9026	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9028	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9029,30	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9031,32	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9033,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9035,36	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9039	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9040	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9041	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9042	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9043,44	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9047-50	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9052	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9053	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9054,55	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9056,57	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9058,59	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9060-67	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9068-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9073	EXB2HV470JV	RESISTOR ARRAY	1	
R9074	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9075	EXB2HV470JV	RESISTOR ARRAY	1	
R9076	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9077-79	J0JCC0000100	CHIP INDUCTOR	3	
R9080	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9081	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9082-89	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9090	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9091,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9093	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9094	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9095-98	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9102-04	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9105	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107-09	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9110	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9111,12	J0JCC0000100	CHIP INDUCTOR	2	
R9113	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9114-16	J0JCC0000100	CHIP INDUCTOR	3	
R9117,18	EXB38VR000	RESISTOR ARRAY	2	
R9119	J0JCC0000100	CHIP INDUCTOR	1	
R9120,21	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9122-24	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9125,26	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9127,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9130	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134-36	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9137	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9140-42	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9145-47	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9160,61	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9162,63	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9164,65	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9200-02	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9204	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9205	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9208	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9210	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9212	J0JCC0000100	CHIP INDUCTOR	1	
R9300-04	D1HG33080001	NETWORK RESISTER	5	
R9305	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9306,07	D1HG33080001	NETWORK RESISTER	2	
R9308	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9309	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9313-16	J0JCC0000100	CHIP INDUCTOR	4	
R9318,19	J0JCC0000100	CHIP INDUCTOR	2	
R9321	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9322	J0JCC0000100	CHIP INDUCTOR	1	
R9323	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9324-28	J0JCC0000100	CHIP INDUCTOR	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9329	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9330-33	J0JCC0000100	CHIP INDUCTOR	4	
R9335,36	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9337	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R9338	ERJ6ENF1401	M 1.4KOHM, 1/10W	1	
R9339-42	ERJ6ENF1001	M 1KOHM, 1/10W	4	
R9500-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9505-10	TAJAAH0101JV	M 100 OHM,J,1/16W	6	
R9511	EXB2HV272JV	RESISTOR ARRAY	1	
R9512	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9513	EXB2HV272JV	RESISTOR ARRAY	1	
R9515	EXB2HV272JV	RESISTOR ARRAY	1	
R9516,17	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9518	EXB2HV470JV	RESISTOR ARRAY	1	
R9519-21	EXB38V470J	RESISTOR ARRAY	3	
R9522,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9524-26	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9527	EXB38V470J	RESISTOR ARRAY	1	
R9528,29	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9531	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9533,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9536	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R9537,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9540	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9544	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9547	J0JCC0000100	CHIP INDUCTOR	1	
R9700	J0JCC0000100	CHIP INDUCTOR	1	
R9702-04	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9706,07	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9708	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9709	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9714	J0JCC0000100	CHIP INDUCTOR	1	
R9716,17	ERJL14KJ33M	M 33 OHM, J,1/4W	2	
R9718	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9719	ERJ6ENF1742	M17.4KOHM, 1/10W	1	
R9720	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
R9721	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9722,23	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9724	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9725	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9726,27	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9728,29	ERJ6ENF2002	M 20KOHM, 1/10W	2	
R9738,39	J0JCC0000100	CHIP INDUCTOR	2	
R9740-42	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R9824	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9830	EXB2HV470JV	RESISTOR ARRAY	1	
R9900	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9901	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9902	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9904	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9905	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9906	EXB2HV470JV	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9908,09	EXB38V470J	RESISTOR ARRAY	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9910,11	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9912	EXB2HV470JV	RESISTOR ARRAY	1	
R9913	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9914	EXB38V470J	RESISTOR ARRAY	1	
R9915,16	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9917-19	EXB2HV470JV	RESISTOR ARRAY	3	
R9922	EXB2HV470JV	RESISTOR ARRAY	1	
R9923	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2510	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TZTNP010YFS	CIRCUIT BOARD D	1	
RTL	TNPA3598AD	CIRCUIT BOARD H	1	PAVCA
RTL	TNPA3620AD	CIRCUIT BOARD PA	1	PAVCA
RTL	TNPA3621AB	CIRCUIT BOARD Z	1	
RTL	TNPA3625AK	CIRCUIT BOARD DG	1	PAVCA
RTL	TNPA3626	CIRCUIT BOARD DV	1	
RTL	TNPA3643	CIRCUIT BOARD PB	1	
RTL	TNPA3545	CIRCUIT BOARD C1	1	
RTL	TNPA3546	CIRCUIT BOARD C2	1	
RTL	TNPA3570	CIRCUIT BOARD P	1	
RTL	TNPA3543	CIRCUIT BOARD SC	1	
RTL	TNPA3243AB	CIRCUIT BOARD SD	1	PAVCA
RTL	TNPA3544	CIRCUIT BOARD SS	1	
RTL	TNPA3242AB	CIRCUIT BOARD SU	1	PAVCA
RTL	TNPA3603	CIRCUIT BOARD K	1	
RTL	TNPA3604	CIRCUIT BOARD S	1	
S1	K1KA03AA0193	3P CONNECTOR	1	
S2	K1KA02AA0193	2P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA05AA0192	5P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW2500	K0F122A00172	SWITCREMOTE CONTROLH	1	
SW3751-55	EVQ11G05R	SWITCH	5	
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X4001	TSSA101	CRYSTAL	1	
X4002	H0J400400017	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X9000	H2D2705A0004	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
Z2	K1KA05AA0192	5P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z50	K1MN35A00015	35P CONNECTOR	1	PAVCA
ZA5601-04	K9ZZ00000424	CONNECTOR	4	
ZA5801-04	K9ZZ00000424	CONNECTOR	4	
ZA6001-04	K4CD01000013	TERMINAL	4	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101, 02	K4CD01000013	TERMINAL	2	
ZA7104	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7203, 04	K4CD01000013	TERMINAL	2	
ZA9001	K4CD01000013	TERMINAL	1	
ZMM1	TMM25401	CLAMPER	1	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	
C404	F0CAF105A021	C 1UF, 250V	1	
C405	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C407	ECA2WHG220	E 22UF, 450V	1	
C409	F0CAF105A021	C 1UF, 250V	1	
C410	ECJ3YB1E105K	C 1UF, K, 25V	1	
C411-14	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C415,16	F1A3A102A040	C 1000PF, J, 1KV	2	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	F1A3A102A040	C 1000PF, J, 1KV	1	
C421,22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	F1A3A102A040	C 1000PF, J, 1KV	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429,30	F1K2J1530002	C 0.15PF, J,630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432-34	F1J1C1050011	C 1UF, Z, 50V	3	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J,630V	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	
C467	ECKCNA221KB7	C 220PF, M,	1	
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C470	F0CAF105A021	C 1UF, 250V	1	
C471	F1J1C1050011	C 1UF, Z, 50V	1	
C473	ECKCNA221KB7	C 220PF, M,	1	
C476	ECKCNA221KB7	C 220PF, M,	1	
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C490	ECJ2XC1H331J	C 330PF, J, 50V	1	
C491	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C492	ECJ2XC1H271J	C 270PF, J, 50V	1	
C493	ECA1EM101	E 100UF, 25V	1	
C494,95	ECJ2XC1H101J	C 100PF, J, 50V	2	
C496	F1J1C1050011	C 1UF, Z, 50V	1	
C497	ECA1EM221	E 220UF, 25V	1	
C498	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501-03	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C509	ECA1EM101	E 100UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECA1EM331	E 330UF, 25V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	ECA1CM222	E 2200UF, 16V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2D1E1010001	E 10UF, 25V	1	
C518,19	F1J1C1050011	C 1UF, Z, 50V	2	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C525	F2A1E8210012	E 820UF, 25V	1	
C526	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C551-53	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	ECA2AM101	E 100UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C562	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C572	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	ECA2AM330	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C591,92	F1K2J1530002	C 0.15PF, J,630V	2	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604,05	F2A2C1510004	E 150UF, 160V	2	
C606,07	F1J1C1050011	C 1UF, Z, 50V	2	
C608,09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ3YB1E105K	C 1UF, K, 25V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C631	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C633	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C636	F1J1C1050011	C 1UF, Z, 50V	1	
C637	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C646,47	ECJ2XC1H331J	C 330PF, J, 50V	2	
D401	B0FBAT000006	DIODE	1	
D402	MA4240MTA	ZENER DIODE	1	
D403	MA4051NM	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D406	MA4200M	ZENER DIODE	1	
D407	MA188	DIODE	1	
D410	MA111	DIODE	1	
D411	B0BB17000010	ZENER DIODE	1	
D412-14	MA111	DIODE	3	
D415	B0JAME000081	DIODE	1	
D417	RU30A	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	
D423	MA188	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D425	MA188	DIODE	1	
D427-29	ERA15-10	DIODE	3	
D431	B0JCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	MA188	DIODE	1	
D437	MA4082M	ZENER DIODE	1	
D438	MA4150M	ZENER DIODE	1	
D439	MA4130HTA	ZENER DIODE	1	
D440	MA4300M	ZENER DIODE	1	
D441	B0HAMM000122	DIODE	1	
D442	MA4075M	ZENER DIODE	1	
D443	MA4240MTA	ZENER DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA165	DIODE	1	
D459	MA188	DIODE	1	
D461	MA4082M	ZENER DIODE	1	
D462	MA142WKTX	DIODE	1	
D463-67	ERA15-10	DIODE	5	
D501	B0HANR000016	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000081	DIODE	1	
D506	MA4051NM	ZENER DIODE	1	
D507,08	MA4150M	ZENER DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	B0HBSM000043	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D521	B0HAMP000067	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531,32	B0HAPR000012	DIODE	2	
D534	B0JBSG000026	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSL000013	DIODE	1	
D538	MA3051M	ZENER DIODE	1	
D539	B0HBRP000007	DIODE	1	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	
D549	MA4075M	ZENER DIODE	1	
D551	MA4130M	ZENER DIODE	1	
D552	MA4082M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA4062M	ZENER DIODE	1	
D564	MAZ72000AF	ZENER DIODE	1	
D565	MA4160M	ZENER DIODE	1	
D566	B0HAMM000122	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569-71	MA4300M	ZENER DIODE	3	
D572	MA188	DIODE	1	
D574	MA111	DIODE	1	
D575	MA188	DIODE	1	
D579	MA111	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
IC401	CNC1S171R	IC	1	
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	
IC406	C0DAZZZ00021	IC	1	
IC407	C0DBAZZ00111	IC	1	
IC408,09	CNC1S171R	IC	2	
IC411	C0BBAA000038	IC	1	
IC412	CNC1S171R	IC	1	
IC501	C2ABDD000064	IC	1	
IC502	C0EBH0000190	IC	1	
IC503,04	C0DAEMB00004	IC	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBABE00023	IC	1	
IC509	C0DABZZ00010	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	C9ZB00000496	IC	1	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00003	INDUCTION COIL	2	
L501	EXCELSA35	BEAD CHOKE	1	
L502	TALL08N102JA	INDUCTION COIL	1	
L506	EXCELDR25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	
L510	EXCELDR25C	BEAD CHOKE	1	
P2	K1KA06AA0479	6P CONNECTOR	1	
P5	K1KA11AA0183	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06AA0182	6P CONNECTOR	1	
P11	K1KA07AA0192	7P CONNECTOR	1	
P12	K1KA05AA0192	5P CONNECTOR	1	
P23	K1KA03AA0182	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
P30	K1KA05AA0182	5P CONNECTOR	1	
PR401	K5Y502BA0001	FUSE	1	
PR402	K5G202B00015	FUSE	1	
PR501	K5H502Z00003	FUSE	1	
PR503	K5H502Z00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q401	B1CHND000004	TRANSISTOR	1	
Q403	B1CBGD000001	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601	TRANSISTOR	1	
Q408,09	B1CHND000004	TRANSISTOR	2	
Q412,13	B1DAGQ000013	TRANSISTOR	2	
Q414	B1ABCF000134	TRANSISTOR	1	
Q415	2SB1218ARL	TRANSISTOR	1	
Q417	B1CHND000004	TRANSISTOR	1	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q423,24	B1CBGD000001	TRANSISTOR	2	
Q430	B1CEJQ000002	TRANSISTOR	1	
Q431	B1DEGS000001	TRANSISTOR	1	
Q432	B1CEJQ000002	TRANSISTOR	1	
Q433	B1CBGD000001	TRANSISTOR	1	
Q434	B1CEJQ000002	TRANSISTOR	1	
Q435	B1CBGD000001	TRANSISTOR	1	
Q436	B1CEJQ000002	TRANSISTOR	1	
Q438	B1CBGD000001	TRANSISTOR	1	
Q439	B1CHND000004	TRANSISTOR	1	
Q440,41	2SD1819A	TRANSISTOR	2	
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	XN0440100L	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	B1CHND000004	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	XN0450100L	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	B1DHBD000004	TRANSISTOR	1	
Q511	B1CFND000005	TRANSISTOR	1	
Q512	B1CBGD000001	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HFCFA00021	TRANSISTOR	1	
Q518	B1DEHL000018	TRANSISTOR	1	
Q519	B1DEHF000002	TRANSISTOR	1	
Q520	B1HFCFA00021	TRANSISTOR	1	
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q530	B1CBGD000001	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q541	B1CBGD000001	TRANSISTOR	1	
Q544	XN0440100L	TRANSISTOR	1	
Q550	B1CHGD000006	TRANSISTOR	1	
Q551,52	B1CBGD000001	TRANSISTOR	2	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHBD000004	TRANSISTOR	1	
Q557	2SD1819A	TRANSISTOR	1	
Q558	B1CHHG000002	TRANSISTOR	1	
Q559	2SD1819A	TRANSISTOR	1	
Q560	B1CHHG000002	TRANSISTOR	1	
Q561,62	2SD1819A	TRANSISTOR	2	
Q564,65	2SD1819A	TRANSISTOR	2	
Q567	B1CBGD000001	TRANSISTOR	1	
R401	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R402	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R403	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R405	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R410,11	D1F5100E0002	F 3.3 OHM, 5W	2	
R412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R413	D1F5100E0002	F 3.3 OHM, 5W	1	
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ8GEYJ181	M 180 OHM, J,1/8W	1	
R423	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R435	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R445	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R446	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R447	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R448,49	D0XGR10JA007	RESISTOR ARRAY	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R456,57	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R466,67	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R470	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R471	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R474	ERG1SJ104P	M 100KOHM, J, 1W	1	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R479	ERG1SJ104P	M 100KOHM, J, 1W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R481	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R485	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R486,87	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R488	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R489	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R524	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R531	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R532	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J,1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J,1/8W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6RBD1002	M 1.0KOHM, 1/10W	1	
R540	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R541	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546,47	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R548	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R549	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R550	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R551	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R552	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R553	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R554	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ8GEYJ471	M 470 OHM, J,1/8W	1	
R558	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R559	ERJ6RBD4702	M 47KOHM, 1/10W	1	
R560	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R562	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R565	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R566	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R567	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R568,69	ERG2SJ181	M 180 OHM, J, 2W	2	
R570	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R571	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586,87	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R599,00	ERJ8GEYJ391	M 390 OHM, J,1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R604	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R634	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R640	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQFR68	M 0.68OHM, J,1/8W	3	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R654	ERJ8GEYJ101	M 100 OHM, J,1/8W	1	
R655	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMAASA00B14	CONTROL 10KOHMB	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R681	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R684	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R690	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692,93	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R695	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R698	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R702	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R703,04	ERG2SJ101	M 100 OHM, J, 2W	2	
R706	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R707	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R708	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R712	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R901	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R903-06	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R907	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R908	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R909-11	ERJ6GEYJ106	M 10MOHM,J,1/10W	3	
R912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R913,14	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R916	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R917	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R920	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R921	ERJ6RBD3092	M30.9KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R925	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R926,27	ERG2DJW224E	M 220KOHM, J, 2W	2	
R928-31	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R932	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
RL402	TSEH8011	RELAY	1	
RL403	TSE10801	RELAY	1	
S401,02	J0LT00000009	SWITCH	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T401	G4D4A0000107	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	
T404	G4D4A0000109	SWITCHING TRANSFORMER	1	
T407	ETQ11K5AZ	CHOKE TRANS	1	
T410	G4D2A0000229	SWITCHING TRANSFORMER	1	
T601	G4D2A0000227	SWITCHING TRANSFORMER	1	
W2	ERDS2TJ391	C 390 OHM, J,1/4W	1	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMM7443-3	CLAMPER	1	
Z413	TMM7464-2	CLAMPER	1	
Z414	TMME190	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401,02	D4EAD6210001	VARISTOR	2	
ZN403	D4EA8511A001	VARISTOR	1	
ZN404	D4EAB681A011	VARISTOR	1	